MIDDLEBURY COLLEGE BULLETIN
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# MIDDLEBURY COLLEGE

# The Catalogue

## 1923-1924

## PART TWO

### The Women's College

MIDDLEBURY, VERMONT
Published Monthly by the College
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Editor of College Publications

# Calendar

## 1923

### JULY

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## 1925

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### MAR.

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### JUNE

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# GENERAL INFORMATION

MIDDLEBURY COLLEGE was chartered in 1800 on the model of still older New England colleges and throughout its history has devoted itself strictly to college work, without professional or technical schools. It offers instruction in twenty-five departments by a Faculty of over fifty Professors, Assistant Professors, and Instructors. The degrees of Bachelor of Arts and Bachelor of Science are conferred upon the completion of a four years' course, while in both college and summer session advanced courses lead to the degrees of Master of Arts and Master of Science. A group system of elective studies is maintained.

In 1883 Middlebury College opened its doors to women, and offered to them the same courses and privileges afforded to men. In 1902 a charter was granted for an affiliated college for women, and steps have been taken toward two coördinate institutions, one for men and one for women, as fast as resources have allowed. It is believed that both men and women are better for the separate life provided by the distinct college organizations, while greater educational advantages, due to economy in instruction and administration, justify the affiliation of the two colleges in those activities and interests that are of necessity shared by men and women.

The President and Fellows of Middlebury College exercise full supervision and control of the Women's College. They are authorized to receive gifts for scholarships and professorships for the benefit of women students, for buildings for women, and for the

general purposes of the Women's College. Bequests, legacies, and gifts for the education of women in connection with Middlebury College should be made payable to "The President and Fellows of Middlebury College."

The requirements for admission to the Women's College are the same as those for men. Women are taught by the same Faculty as men, and enjoy the same privileges in the Library and Laboratories. All courses of instruction are open to them, and they have equal opportunities in every department of the College. They are accorded the degree of A.B. or B.S. upon graduation, and may attain the degree of A.M. or M.S.

GOVERNMENT AND RESOURCES

The government of the College is by a Board of Trustees, whose corporate title is "The President and Fellows of Middlebury College." The corporation is self-perpetuating and the charter of the College contains no restrictions as to elections. The College owns buildings, equipment and grounds valued at $868,000. The permanent endowment amounts to $2,182,732 of which over two-thirds has been received in the past ten years. An appropriation of $28,800 will be received this year from the State of Vermont, of which $7,200 is for scholarships. The annual expenditures for the year 1922-1923 were $244,022.32. The College has never impaired its endowments and is not in debt. The General Education Board has pledged $250,000 toward a further fund of $1,000,000 for endowment for professors' salaries. It is expected that this fund will be completed before January 1, 1924.

LOCATION

Middlebury is a village of 2000, beautifully situated in the Champlain Valley and equidistant from the northern and southern boundaries of Vermont. It is on the main line of the Rutland Railroad, with through trains both from Boston and New York. The College campus commands a surpassing mountain view, the Adirondacks across Lake Champlain to the west, and on the east a wide sweep of the Green Mountains, much of which is within the 30,000 acre forest preserve belonging to the College.

THE CAMPUS

The College campus comprises 244 acres and is in four sections. The "Old Campus" of 30 acres contains the main buildings and residences for men; the Battell Campus is reserved for buildings for women; Porter Field of 79 acres comprises the athletic grounds; a fourth section, recently acquired, borders the Otter River for a considerable distance.

BUILDINGS

The College plant includes fourteen permanent buildings, besides cottages, professors' houses and smaller structures. The three oldest buildings are of gray limestone, colonial in architecture. Vermont white marble has been used in most of the more recent structures and the same classic architecture has been followed. Each building has been planned with reference to the others, with ample spaces between. The result is a pleasing harmony and a campus of exceptional beauty. Descriptions of the several buildings will be found elsewhere in this catalogue.

GROWTH

Middlebury College has made substantial progress in the past decade, especially in equipment and in permanent funds. Student attendance has doubled, endowments have been quadrupled and the annual income has been trebled. Among the recent buildings are: the Mead Memorial Chapel, a marble structure of great beauty and impressiveness; the Chemistry Building, affording unusual laboratory facilities for that science; and the McCullough Gymnasium, well appointed for physical education.

JOSEPH BATTELL BEQUEST

One of the most unique gifts to an American college was the bequest of the late Joseph Battell to Middlebury, which was received in 1916. For over forty years Mr. Battell had been acquiring forest and mountain lands in the vicinity of Middlebury with a view to the preservation of the forests and the beauty of the natural scenery of the region. His holdings amounted to about 30,000 acres along the highest ridge of the Green Mountains and included several of the higher mountains of Vermont. Most of the land is heavily wooded and will afford the College the opportunity for the practice of scientific forestry in its immediate vicinity. The value of the estate exceeds $400,000.

OTHER BEQUESTS

A more recent bequest is that of Dr. Henry Freeman Walker of the Class of 1860, of $100,000 for the establishment of a "Furlough and Emergency Fund," the income of which is to be devoted to the needs of the Faculty in providing for occasional periods of rest, recreation or study, and in relieving the more immediate exigencies of sick-

ness. By the will of the late Mrs. Russell Sage the College has received $100,000. A fund of $10,000 was established in 1918, which at present has been increased to $60,000 to be known as the "Fletcher D. Proctor Fund for American History," the income of the investment to be applied toward the payment of the salary of a professor to teach American History. By the will of the late Hon. A. Barton Hepburn of New York, the College has received a specific bequest of $200,000—to establish the A. Barton Hepburn Economics-History Professorship Fund. From the same generous source the College has also received a residuary bequest of $250,000 for general needs.

RELIGIOUS POSITION

Middlebury College is non-sectarian, never having had official connection with any church. The founders, however, were men of deep piety, and a tradition of earnest religious faith and sincere moral purpose was early established, which it is the desire of the College to foster. A chapel service is held each week-day at 10 A.M. and a vesper service on Sunday at 5 P.M. All students are required to attend unless excused for urgent cause. These services are conducted by the President, and men of eminence in various denominations preach at the Sunday vesper service. The music is in charge of the Head of the Music Department. The vested choir is composed of twenty-four students, chosen by competition. In addition there is an active Y. W. C. A. in the Women's College and a newly re-organized religious independent association among the men. Classes are held by the various churches in town for the special benefit of the college students who attend.

LECTURES AND CONCERTS

A sufficient appropriation is provided to bring to the students of the College at a very low cost an annual series of lectures, recitals, and concerts of the highest rank. The program for the current year includes a concert by The Boston Symphony Ensemble and recitals by Merle Alcock, Sylvia Lent, Alberto Salvi, and Ignatz Friedman.

THE MODERN LANGUAGE SCHOOLS

The Summer Session has brought the College an enviable reputation for its distinctive work. The permanent connection with the College of the Deans of the French and Spanish Schools now makes it possible for undergraduate students to benefit by the advantages these schools have introduced into language teaching. The French School and the Spanish School are now continued throughout the College year, and although primarily graduate schools of French and Spanish, the benefit of their courses and the conversational opportunities provided at the French and Spanish tables may be enjoyed by properly qualified students of the College.

MIDDLEBURY'S SPECIALTY

The specialty of Middlebury is not a department of study, but a type of student. The location of the College in a frugal agricultural region favors economy. For over a century she has sought out particularly the youth from the quiet homes of New England and surrounded them with encouragement to modest living while engaged in the pursuit of knowledge. By resolute endeavor College expenses have been kept low. Students who have to

work their own way are especially encouraged, in the belief that such students furnish the most healthful tone to an institution of learning. Those who can afford more than Middlebury exacts are invited to consider the advantages to character which come from such an atmosphere in the formative period of life.

INDIVIDUAL TRAINING

Since no two women are alike, each student needs the particular care and oversight of her instructors during her entire college course. With a small student body and an ample number of professors such oversight is possible, and the unusual success of Middlebury's graduates is believed to be due to its maintenance. For the more certain continuance of this success, the College reserves the right to request the withdrawal, even though no specific charge is made against her, of any student whose presence is considered detrimental to its welfare.

HEALTH MEASURES

The College aims to investigate and care for the health of each student. The Department of Physical Education commands the services of an instructor for the women. The attendance of Freshmen is required at such lectures on personal hygiene as may be announced by the Director of Physical Education. Every Freshman is given a thorough physical examination, which may be repeated at the discretion of the Director; measurements and records are kept, corrective exercises are prescribed where needed, and students are encouraged to organize and carry on a great variety of out-of-door sports under the general charge of the Directors. The importance to

the student of laying a sound physical foundation during the years of the college course cannot be over-estimated, and the College reserves the right to ask the withdrawal of any student whose physical condition is unfit.

TO WHAT DOES COLLEGE LEAD

The desirability of carefully mapping out one's life work is impressed upon all students, and college instructors give freely of their time and advice in aiding students to a wise arrangement of their studies. The first object of a college course should be that development of mind and personality which will enable one to lead a life of greater usefulness; but success is more likely to attend the student who, in seeking that development, strives to fit herself for some particular field of service. The field of opportunities for women has broadened considerably during the last few years, and many college students who would once have gone out to teach are now looking toward such professions as extension work in Home Economics, dietetics, or tea room and cafeteria management; some form of journalism; secretarial or statistical work; scientific work; medicine or nursing; social or religious work, and many others. The Dean of Women and the Assistant Dean are glad to help the students at any time with suggestions or advice along these lines, and desire to confer with each girl sometime during her college course. For the convenience of our students, several special programs of study have been organized preparatory to those employments which the majority of Middlebury College graduates enter. A bulletin entitled "Programs for College Students" will be sent upon request.

STUDENT GOVERNMENT ASSOCIATION

The students of the Women's College of Middlebury have been self-governing since January 5, 1912. The object of this Association is to control the conduct of the women in all matters of their college life which are not under direct jurisdiction of the Faculty; to foster the spirit of unity among them; to increase their sense of responsibility toward each other; and to maintain the social standards of the College.

All women registered as students in the Women's College of Middlebury become members of this Association upon reading and signing the Constitution and By-Laws. The act of signing the Constitution and By-Laws is an agreement to accept the principles, rules, and regulations of the Student Government Association. By signing them the student pledges herself to responsible membership in the community and to subordination of personal interests to the general good.

# ADMISSION

## GENERAL INFORMATION

STUDENTS are admitted to Middlebury College either by certificate or by examination. Application should be made to the Dean. After applications have been received the necessary blanks for admission by either method will be sent. Certificates are always sent to the principal of the school; other blanks are sent to the applicant.

## CERTIFICATION

### REQUIREMENTS FOR CERTIFICATION

FOR admission by certificate 15 points or admission credits are necessary. A point is a preparatory school subject pursued one year with five recitation periods a week, except in English where 3 points are given for 4 years' work. These preparatory school subjects are, for purposes of admission to college, grouped under three heads: required points, optional points, and free choices.

*I. Required points:*

a. Of all students, English, 3 points; Algebra, 1 point; Geometry, 1 point.

b. Of A. B. students, Latin, 4 points, or Greek 3 points.

c. Of B. S. students, Foreign language, 2 points.

*II. Optional points:*

Three points from the following groups of options are to be chosen by both A. B. and B. S. students.

| Group 1. | Group 2. | Group 3. |
|---|---|---|
| *Languages* | *History and Social Science* | *Science* |
| Latin | Ancient History | Mathematics |
| Greek | Medieval European History | Chemistry |
| French | Modern European History | Physics |
| German | English History | Biology |
| Spanish | American History | Physiology |
| | Bible | Physiography |
| | Civics | Botany |
| | Economics | Zoology |
| | Social Science | Drawing |

*III. Free choices:*

The remaining points are to be chosen from any subjects taken in the preparatory school and not already used in making up the required and optional points.

### ELIGIBILITY FOR CERTIFICATION

Students in New England from schools upon the approved list of the New England College Entrance Certificate Board will be admitted on certificate of their high school principals. *No total certification for less than eight points will be considered*, but the eight points need not all be from the same school.

*Students who have only partial certification totaling eight points or more may make up deficiencies by examinations covering the points in which they are not certified; or they may enter wholly by examination.*

Schools not upon the approved list of the Certificate Board, but meeting its requirements in respect to curriculum, teaching staff and equipment, may, for the purpose of showing their standard of certification, send one or more students on certificate, if arrangements for so doing are concluded with the Board before April 1. Inquiries on this subject may be addressed to Dean

Frank W. Nicolson, Secretary of the Board, Wesleyan University, Middletown, Connecticut.

Students outside of New England from schools upon the approved list in their respective states will be admitted on the same basis as those from approved schools in New England.

Students who have passed the examinations of the Board of Regents of the State of New York will be credited upon certificate for all such courses.

### ENTRANCE CONDITIONS

Owing to the necessity for restricting the number of entering students because of the over-crowded condition of the college, the preference will be given to those entering without conditions, but students otherwise highly recommended, may, if there is a place for them, be admitted conditioned not more than three points. Not more than one of these conditions may be in required subjects, and not more than two in optional subjects. But no conditions will be allowed in required subjects in which the candidate has no preparatory school record; except that a student with an exceptional scholastic record who has had no modern language may enter conditioned up to two points therein, provided she begins the study of a modern language in college.

The methods by which entrance conditions may be removed are as follows:

a. By examination. The regular entrance examinations of June and September furnish convenient opportunities for those wishing to avail themselves of this method.

b. By an average of 80 per cent in all the work of either semester of the Freshman year, which will remove entrance conditions not exceeding two points for each semester, provided the student's grade in no subject falls below 70 per cent.

c. By the operation of the following rule: Entrance conditions remaining at the opening of a student's second year will be cancelled by deducting three credits from her college record for each unit or fraction thereof; but this shall not be construed as prejudicing any work that she may have done toward satisfying major and minor requirements, or in meeting her prescribed courses. After the opening of her second year, no student may take an examination to remove entrance conditions.

### SPECIAL CERTIFICATION

Students who have graduated from any approved high school in the first third of the class and whom their principals will certify upon the general record of their courses rather than in individual subjects may be admitted provided they have satisfied the required points as stated above for entrance upon the work of either degree. A detailed statement of the high school course will be accepted in each case by the Admission Committee as satisfying the remaining points up to fifteen provided it shows that the student has included in her course the following list of subjects or their equivalents: 4 years of English; 2 years of Mathematics; 2 years of a foreign language; 1 year of History; 1 year of Natural Science. No conditions will be allowed.

## LIMITATION OF ENROLLMENT

The membership of the Freshman class is limited to 100 men and 60 women. Early application is therefore desirable. Final choice of applicants will be made by a series of selections, the first on the 20th of March preceding entrance, and subsequent ones on the 20th of each succeeding month until the quotas are filled.

## EXAMINATIONS

### SPRING EXAMINATIONS

STUDENTS desiring to make up deficiencies in certification by examination or to enter by examination alone may make use in the spring of the examinations given by the College Entrance Examination Board. The College itself gives no spring examinations. The board examinations will be held June 16-21, 1924.

The application for examination should be addressed to the College Entrance Examination Board, 431 West 117th Street, New York, N. Y. It should be made upon a blank form to be obtained from the Secretary of the College Entrance Examination Board upon request.

If the application is received sufficiently early the examination fee will be $9 for candidates examined in the United States and Canada and $20 for candidates examined elsewhere. The fee, which should accompany the application, should be remitted by postal order, express order, or draft on New York to the order of the College Entrance Examination Board.

Applications and fees of candidates who wish to be examined outside of the United States and Canada

should reach the Secretary of the Board at least six weeks in advance of the first day of the examinations, that is, on or before May 5, 1924.

Applications and fees of candidates who wish to be examined in the United States at points west of the Mississippi River or in Canada should be received at least four weeks in advance of the first day of the examinations, that is, on or before May 19, 1924.

Applications and fees of candidates who wish to be examined in the United States at points east of the Mississippi River or on the Mississippi River should be received at least three weeks in advance of the first day of the examinations, that is, on or before Monday, May 26, 1924.

When the candidate has failed to obtain the required blank form of application for examination the usual examination fee will be accepted if the fee arrives not later than the specified date accompanied by a memorandum containing the name and address of the candidate, the exact examination center selected, and a list of all the subjects in which she may have occasion to take the Board examinations.

Applications received later than the dates named will be accepted when it is possible to arrange for the examination of the candidates concerned, but only upon the payment of an additional fee.

A list of the places at which examinations are to be held in June, 1924 will be published about March 1. Requests that the examinations be held at particular points, to receive proper consideration, should be transmitted to the Secretary of the College Entrance Examination Board not later than February 1. The designation of the center to which the candidate will go for

examination is regarded as an indispensable part of the candidate's application for examination.

Detailed definitions of the requirements in all examination subjects are given in a circular of information published annually by the College Entrance Examination Board. The edition published December 1, 1922 was designated as Document No. 105. A new edition which will be designated as Document No. 111 will appear December 1, 1923. Upon request a single copy of this document will be sent to any teacher without charge. In general a charge of twenty cents, which may be remitted in postage, will be made.

### FALL EXAMINATIONS

In the fall, examinations will be given by the College. It is understood, however, that students applying for fall examinations will have their names placed upon a waiting list, and that if they pass the examination, they will be admitted provided the quota of freshmen for the year is not completed. Students desiring these examinations (1) must present evidence of an approved school course satisfactorily completed, and (2) must show in four examinations that their scholarship is of satisfactory quality.

### THE SCHOOL RECORD

An official detailed statement must be presented to the Admission Committee showing that the candidate has satisfactorily completed an approved secondary school course and that this course has included the fol-

lowing list of subjects or their equivalents: 4 years of English, 2 years of Mathematics, 2 years of a foreign language, 1 year of History, 1 year of Natural Science. This statement should include a recommendation of the candidate for the examinations, signed by the principal or his accredited representative.

### THE EXAMINATIONS

If the candidate's school record is satisfactory, she may present herself for examination in four subjects, as follows:

1. English.

2. Latin or Greek, if an A.B. student; Mathematics, if a B.S. student.

3. Two other subjects chosen from the following groups but not from the same group.

| **Group 1.** | **Group 2.** | **Group 3.** |
|---|---|---|
| *Languages* | *History and Social Science* | *Science* |
| Latin | Ancient History | Advanced Mathematics |
| Greek | Medieval European History | Chemistry |
| French | Modern European History | Physics |
| German | English History | Biology |
| Spanish | American History | |

The scope of these examinations is as follows: English, 4 years; Latin, 4 years; Greek, 3 years; Mathematics, 2 years; optional subjects, Language, a minimum of 2 years; History and Science, a minimum of 1 year; Mathematics, a minimum of half a year.

Under this plan no entrance conditions can be incurred; either the candidate will be admitted without conditions, or she will be refused admittance. Her to-

tal record, including both her school record and the result of her examinations, must clearly show that she is a desirable student. In order to assure this, each person who examines the papers of any candidate will be furnished with a copy of the candidate's school record and will return to the Admission Committee with the candidate's paper a judgment upon it, in which the candidate's school record is taken into account. As the examinations and the school record furnish the Admission Committee with the data necessary for estimating the candidate's ability at a certain time to do college work, she will under ordinary circumstances not be allowed to repeat the examinations until sufficient time has elapsed to assure her improvement by further study; nor will she be allowed to distribute the examinations over an extended period of time. For the same reason, if she finds it necessary to repeat the examinations, all of them must be repeated. So many factors must be considered, of which the examinations are only one, that no record in individual examinations will be given out. The student stands or falls upon the record as a whole.

## ADVANCED STANDING

A CANDIDATE for admission to advanced standing who comes from an approved institution of collegiate rank may receive credit, without examination, for work done at such institution, if she presents a detailed statement of her previous work. This statement should include a full list of preparatory subjects accepted for admission by the institution previously attended, and also a list of the subjects taken there for which credit has been attained. A letter of honorable dismissal from the in-

stitution last attended also must be presented, and no student who has been separated from another institution for reasons of scholarship will be granted any academic favor that would not be extended by the institution from which she has been separated.

All students transferring from another institution will be listed as unclassified for their first semester. At the close of this period their credits will be adjusted and it will be understood that in making the adjustment the quality of the work done during the preceding semester will be taken into consideration.

Every other candidate for admission to advanced standing must first satisfy the entrance requirements of the course which she desires to enter. Such students will be required to pay a fee of $5 if admitted to the Sophomore class, or $10 if admitted to higher rank. Students who have gained credits toward admission to college in any study which is offered in the curriculum will ordinarily be required to elect some other study in its place. This may be an advanced course in the same department or a course in some other department.

A Freshman who is admitted to college without a condition may request of the Registrar, within two weeks of the time when she registers, that she be given an examination for college credit in any subject of the Freshman year. If she passes such an examination with a grade of 75 per cent, credit will be allowed for the course toward either degree. A student who passes any subject in this manner will be required to carry the normal number of recitations a week from the studies open to election by her class.

A student satisfying her instructor of her fitness to do so, may take a qualifying examination in any subject of

the Freshman year, which, if passed, will be accepted as prerequisite to the succeeding course, but will not entitle her to college credit for the examination so passed. An examination in Mathematics or Latin so passed will apply toward meeting the mathematical or classical requirement for a degree.

# THE COLLEGE CURRICULUM

## BACCALAUREATE DEGREES[1]

MIDDLEBURY COLLEGE confers the degrees of Bachelor of Arts and Bachelor of Science in accordance with the following regulations:

Every candidate for the degree of Bachelor of Arts shall before graduation complete two majors in different groups, a minor in the group in which she does not major, one year of English, and two years of Greek or Latin.

Every candidate for the degree of Bachelor of Science shall before graduation complete two majors in different groups, a minor in the group in which she does not major, one year of English and two years of Mathematics.[2]

## REGISTRATION

EVERY student must register her election of courses before the beginning of each semester, at dates which are announced in advance. Upon the payment of her semester bills, admittance cards are issued to the courses elected. No student will be enrolled in any course until the instructor in charge receives a card from the Registrar admitting her to that course.

## ADVISERS

To give students that individual assistance which is necessary to a wise selection of courses, and to prevent

[1]The regulations governing the attainment of the degrees of Master of Arts and Master of Science will be found in pp. 105-107.

[2]Any B. S. student may substitute Physics 1-2 or a second year of chemistry or Biology for the second year of the Mathematics requirement.

errors, all elections made by students must be endorsed by an Adviser. This must be done before the Registrar will issue Admission Cards to the courses.

## ORGANIZATION OF COURSES

In explanation of the requirements, it should be noted that the courses of instruction offered by Middlebury College are organized in departments. These Departments are arranged in three groups, as shown in the following table:

| *Group One* | *Group Two* | *Group Three* |
|---|---|---|
| American Literature | Economics | Biology |
| English | Fine Arts | Chemistry |
| French | History | Drawing and Surveying |
| German | Music | Geology |
| Greek | Pedagogy | Home Economics |
| Latin | Philosophy | Mathematics |
| Public Speaking | Physical Education | Physics |
| Spanish | Political Science | |

Most of the courses of instruction offered in the various departments are lettered A, B, or C. These letters refer to the evaluation of the courses so lettered in completing *major* and *minor* requirements; admission to courses of advanced grade is gained only by completing one or more appropriate courses of more elementary grade which are designated *prerequisites*.

## PROGRAMS OF STUDY

Students who come to college for definite preparation in a special field of work may elect one of the special four-year programs[1] that have been arranged in

[1]The details are given in a bulletin, "Programs for College Students," which will be sent upon request.

CLASSICS, EDUCATION
BUSINESS, LAW AND POLITICAL SCIENCE
PRE-MEDICAL AND PHYSICAL EDUCATION
SOCIAL AND RELIGIOUS SERVICE
CHEMISTRY AND CHEMICAL INDUSTRY
ENGINEERING

These programs are arranged to meet all the graduation, major, minor, and distribution requirements. The choice of one of these programs, therefore, will simplify the election of courses for any student whose needs they meet. A student, however, is not required to elect one of the special programs but may follow the general requirements for the election of studies if she prefers.

## FRESHMAN YEAR

EVERY candidate for the degree of Bachelor of Arts is required to begin her classical requirement for graduation in the Freshman year. This is Latin 1-2, or Greek 1-2, or Greek 13-14. Every candidate for the degree of Bachelor of Science is required to take Mathematics 1-2 or 1b-2b in the Freshman year. All Freshmen must complete the requirement of fifteen hours a week by electing from the courses open to their class. Students in the first semester of the Freshman year are limited to five courses, double courses in language counting as two.[1] Freshmen in the first semester may take practical work in music, but without college credit. To take six courses in any subsequent semester a student must have attained an average of 75 per cent in the courses

[1] A. B. students who begin a modern language in college may be allowed to elect four courses besides the modern language at the discretion of the chief adviser.

of the previous semester; to take seven courses she must have obtained an average of 80 per cent.

### ENGLISH REQUIREMENT

All Freshmen not making 80 per cent in their composition work in Freshman English shall be required to take in the first semester of the sophomore year a course in Composition. If they do not then make 80 per cent they shall be required to take an additional course in the second semester of that year. If they do not make 80 per cent in this semester, they shall be considered as under a special censorship in English during the remainder of their college course, and their formal papers in all subjects shall be turned over to the instructor in Composition for inspection.

## MAJORS AND MINORS

Before the completion of her Freshman year, every student is expected to determine in a general way the subjects of study which she intends to pursue during the remainder of her college course. The fields which have a special interest for her she indicates by registering her choice of *two majors* and *one minor* to be completed before she graduates.

A major may be defined as a subject which a student elects to pursue in college through six lettered courses (18 hours) of one department, of which not more than two courses may be of A grade and not less than two shall be of C grade. A few courses may be counted toward fulfilling requirements in either of two departments. These are specified in the descriptions of such courses.

A minor consists of a subject which a student elects to pursue in college through four lettered courses (12 hours) of one department, of which not more than two courses may be of A grade. Lettered courses that have been taken in the Freshman year may be counted toward fulfilling major and minor requirements.

The two majors must be taken in different groups and the minor in the group in which neither major is taken.

## DISTRIBUTION OF WORK

While the selection of major and minor subjects enables each student to concentrate her attention upon those fields which have particular interest for her sufficiently to secure in them a higher degree of attainment than in others in which specialization does not proceed so far, she should be equally solicitous of securing a sufficient distribution of electives to obtain for herself that variety of interests and breadth of view which graduation from a college of liberal arts implies.

To accomplish this, a distribution requirement is operative which makes it necessary for each student to complete not less than six courses in each of the three groups and does not permit her to count towards a baccalaureate degree more than twenty courses (one-half of her entire course) in any one group. This regulation, however, does not restrict qualified students from taking extra courses in a group, either for honors or to apply towards a Master's degree.

## ELECTIVE COURSES

The major and minor requirements involve less than one-half of the total number of credits required for

graduation and permit the student, therefore, a wide range of free electives. The remaining credits necessary for graduation may be obtained by completing any of the courses, within the limits of the distribution rule described above, which are open to election by the class of which the student is a member. With few exceptions, courses are open to election by two classes and a large number may be elected by three classes. A few courses are unlettered; these may be chosen in the years designated and will be counted for credits toward graduation like other courses, but may not be counted toward fulfilling major and minor requirements except by special permission of the Curriculum Committee. Before registering, a student should consult carefully the hours at which the different courses are scheduled to recite.

No change of studies will be allowed during the first week of class-room work except by permission of the Chief Adviser. After the first week of class-room work, no change may be made except by permission of the Chief Adviser and the instructors involved, and upon payment of a fee of $1.00 to the Registrar at the time the change is made. After the second week of class-room work, no change may be made except within a department and upon the initiative of the instructor.

## RECITATION REQUIREMENTS

The student's work is estimated in hours and credits. An hour means one period of class work per week for one semester. Laboratory courses require double periods but are rated the same as recitation courses.

The normal number of courses of study required of each student is five.[1] The circumstances under which more or less than this number may be taken are explained elsewhere. All courses, unless otherwise stated, are conducted three hours a week, so that the normal amount of class-room work required is fifteen recitation hours a week, exclusive of preparation.

While the amount of time required for thorough preparation differs in different studies and for different students, every student should allow two hours of time for the preparation of each hour of recitation, except in laboratory courses, and the best results of collegiate training cannot be expected from less.

## REQUIREMENTS FOR GRADUATION

When satisfactorily completed, each hour of recitation a week for each semester counts one credit toward graduation. One hundred and twenty credits of appropriately selected work must be completed for the attainment of either of the baccalaureate degrees.

In the last semester of her course a student may have permission, at the discretion of the Chief Adviser, to take one more course than the number to which she is entitled by her grades, if necessary to complete 120 points in that semester. Previous to that semester seven is the highest number of courses that may be taken at one time. Students are charged $15 a semester for each extra course.

[1] In the case of students beginning French or Spanish this is reduced to four, since beginners' courses in these languages recite six instead of three times per week.

# DEPARTMENTS AND COURSES OF INSTRUCTION

EACH course, unless otherwise specified, meets three times a week. The Arabic numerals preceding the courses indicate the registration number of the courses in 1923-24. Courses bearing odd numbers are given in the first semester, those bearing even numbers in the second. The capital letter following the title of a course indicates the grade of that course.

Unlettered courses cannot be counted toward the completion of majors and minors except by special permission of the Curriculum Committee. Prerequisite courses are shown in parentheses. A hyphen between two course numbers signifies that both are prerequisite. *Bracketed courses are not given in the current year.* Not more than two courses in one department may be taken at the same time except by permission of the Administration Committee. Freshmen may not take more than one course in English in each semester. In any modern language, students of any class will be assigned to those courses for which, in the judgment of the instructor, they are best fitted.

## AMERICAN LITERATURE

Professor DAVISON

1, 2. AMERICAN LITERATURE. C

A study of the main currents of literary thought in America, with special emphasis on selected works of the major writers of the nineteenth century. (English 1-2.)

3. THE AMERICAN NOVEL. C

A study of the main tendencies in the development of the novel in America. (American Literature 1-2.)

4. RECENT AMERICAN POETRY. C

A study of tendencies in contemporary American poetry as revealed in the work of outstanding writers. (American Literature 1-2.)

NOTE. Any two courses in American Literature may be counted toward a major in English, and any two courses in English Literature may be counted toward a major in American Literature.

## BIBLICAL LITERATURE

President MOODY
Professor BURRAGE
(See Greek 1-2)

1. CONTENT OF THE DIVINE LIBRARY; OLD TESTAMENT.

An introduction to the principal books of the Old Testament and a survey of their main contents, with brief study of their authorship. The historical, literary and theological aspects are considered briefly. (Juniors and Seniors only.)
President MOODY.

2. CONTENT OF THE DIVINE LIBRARY; NEW TESTAMENT.

A survey of the books of the New Testament, with especial reference to their main teaching and a brief study of the canon of the Scriptures and the history of the Scriptures through the Christian Era. (Juniors and Seniors only.)
President MOODY.

## BIOLOGY

Professor Mills
Professor Longwell
Professor Fritz

1, 2. General Biology. A

A general cultural course dealing with fundamental biological laws and the interrelations of plants and animals. A part of the laboratory work of the fall and spring months will be done out of doors.

*Laboratory fee, $10 for each semester.*

Professor Mills.

3, 4. Structural and Systematic Botany. B

Intended as a general cultural course, showing the vital importance of botany to modern life; also as a preparation for teaching botany. Includes a survey of the plant kingdom beginning with the lower forms. (Biol. 1-2.)

*Laboratory fee, $10 for each semester.*

Professor Mills.

5, 6. Comparative Anatomy of Vertebrates. B, C

This course offers to the general and the pre-medical student a comprehensive knowledge of vertebrate structure, with special reference to man, together with adaptions and evolution. Dissection of selected examples. (Biol. 1-2.)

*Laboratory fee, $10 for each semester.*

Professor Longwell.

7. General Bacteriology. C

A general knowledge of bacteria and technic for the study of species. Laboratory exercises introduce students to methods of investigating bacteria. (Biol. 1-2.)

*Laboratory fee, $10.*

Professor Longwell.

8. Public Health and Sanitation (Applied Bacteriology). C

Practical application of bacteriology to problems of personal and public health and to sanitation. Communicable diseases. Laboratory exercises include diagnostic methods, bacteriological examination of milk and water.

*Laboratory fee, $10.*

Professor Longwell.

9, 10. Embryology and Histology. C

A study of the development of the human body. It treats of the reproductive cells, maturation, fertilization, cleavage, and the development of the principal organs. The laboratory work consists of practical histological technic, a study of the elementary tissues, early stages in the development of the chick, dissection and study of the later embryonic stages of the pig. (Biol. 6.)

*Laboratory fee, $10 for each semester.*

Professor Longwell.

11. Plant Histology. C

Tissues and tissue systems of spermatophytes. Principles and methods of killing, fixing, imbedding, sectioning, staining and mounting. (Biol. 3-4.)

*Laboratory fee, $10.*

Professor Mills.

12. Plant Physiology. C

A course for students who expect to teach botany or pursue work in agriculture, forestry, or plant pathology. (Biol. 3-4.)

*Laboratory fee, $10.*

Professor Mills.

13, 14. Physiology and Hygiene. B, C

These courses offer a practical knowledge of the functions of organs in the human body. First semester: Chiefly, the

physiology of the circulation, digestion and excretion. Second semester: Chiefly, the neuro-muscular mechanism and general metabolism.

Both courses designed for the general student and for those interested in dietetics, physical education and medicine. (Desirable antecedents: Biol. 1-2, Biol. 6, Chem. 1-2.)

*Laboratory fee, $10 for each semester.*

Professor LONGWELL.

16. GENETICS. C

Theories of organic evolution; the principles of variation, selection, and heredity; the material basis of heredity; Mendelian inheritance and the application of its principles in animal and plant breeding and eugenics. (Biol. 3-4 or 5-6: Permission of instructor.)

Professor MILLS.

## CHEMISTRY

Professor VOTER
Professor DAVIS*
Assistant Professor KLEINSPEHN
Mr. KIRNER
Mr. RADCLIFFE

1, 2. GENERAL CHEMISTRY. A
Introduction to the fundamental principles of general chemistry, with the preparation and study of the elements and their more common compounds in the laboratory.
*Laboratory fee, $20 for the year and breakage.*
Professor VOTER and Mr. RADCLIFFE.

3, 4. QUALITATIVE ANALYSIS. B
Lectures on the applications of Physical Chemistry to Qualitative Analysis and discussions of the scheme. Laboratory work in the complete analysis of unknown solutions and solids, including salts, alloys and minerals. (Chem. 1-2.)
*Laboratory fee, $20 for the year and breakage.*
Assistant Professor KLEINSPEHN and Mr. RADCLIFFE.

5, 6. QUANTITATIVE ANALYSIS. C
Laboratory work and lectures dealing with the general methods of Quantitative Analysis, gravimetric, volumetric, and electrolytic. (Chem. 3-4.)
*Laboratory fee, $20 for the year and breakage.*
Professor VOTER.

7, 8. INDUSTRIAL CHEMISTRY. C
Lectures on the principal chemical industries, such as fuels, acids, gases, coal tar, etc. A study of the chemical reactions and apparatus used on a large scale. No laboratory work. This course alternates with Chem. 13-14. (Chem. 5-6, 9-10 at least simultaneously.)
*Laboratory fee, $6 for the year.*
Assistant Professor KLEINSPEHN.

*On leave.

9, 10. Descriptive Organic Chemistry. C

Lectures and laboratory work on the carbon compounds. The methods of synthesis, properties, structure, industrial application, and physiological action of the more important members of each group are studied in detail. (Chem. 3-4, at least simultaneously.)

*Laboratory fee, $24 for the year and breakage.*

Mr. Kirner.

11, 12. Advanced Organic Chemistry and Organic Preparations. C

Advanced lectures on the carbon compounds and the principles of organic synthesis. Laboratory work on the preparation of typical compounds. Ultimate analysis. (Chem. 9-10 and 5-6, at least simultaneously.)

*Laboratory fee, $24 for the year and breakage.*

Mr. Kirner.

[13, 14. Physical Chemistry. C]

Lectures on the laws and theories of gases, liquids, solutions, solids, thermochemistry, electrochemistry and phase rule, including a brief survey of historical and inorganic chemistry. Laboratory work consists of the study of physico-chemical methods as related to the subject matter of the lectures. This course alternates with Chem. 7-8. (Chem. 3-4.)

*Laboratory fee, $14 for the year and breakage.*

Assistant Professor Kleinspehn.

21, 22. Biological Chemistry. B

Lectures and laboratory work. A brief survey of Qualitative Analysis, Descriptive Organic and Biological Chemistry. This course is designed especially for students who wish to specialize in the Department of Home Economics, and is open only to members of the Women's College. (Chem. 1-2.)

*Laboratory fee, $20 for the year and breakage.*

Assistant Professor Kleinspehn and Mr. Kirner.

## CONTEMPORARY CIVILIZATION

Professor Kingsley
Mr. Williams

### PROBLEMS OF CONTEMPORARY CIVILIZATION

Contemporary civilization is not a department of the College, but a survey course, which each Freshman is required to take in order to become more familiar with the problems confronting our civilization. The College is convinced that each college student should know the great problems facing the present age and should know the different theories set forth as possible solutions. During the course about one hundred problems in economics, sociology, science, and education, will be considered. The conclusions reached in this course will not be final, for it is not intended that the student shall feel that she has yet learned sufficient knowledge to have a definite and final solution in mind. It is intended that the student will be impressed with the needs of her generation and that she will prepare her education and her life to perform intelligently her duties as a citizen and a member of society.

The course will consist of three recitations and one lecture per week. The lecture will take up the problems of the individual and carry them out in discussion more and more remote from personal to international interests.

Over fifty periodicals and several hundred books are used in this course. Recitations, forums and lectures are frequent enough and so correlated as to make a valuable exploratory background for thoughtful work in the more advanced years of the college course.

Forty per cent of the course will be spent in getting a historical background of the present age.

*Fee, $3.50 for each semester.*

## DRAWING AND SURVEYING

Professor Swett
and Assistant

1, 2. Mechanical Drawing. A

Lettering; applied geometry; orthographic projection; developed surfaces and intersections; pictorial representation; working drawings; technical sketching; tracing and blueprinting.

*Instrument fee, $4 for the year.*

[3, 4. Descriptive Geometry. B]

Problems relating to lines and planes; to single curved, double curved, and warped surfaces; intersection of solids. (D. and S. 1-2, permission of instructor.)

*Instrument fee, $4 for the year.*

3a, 4a. Mechanism, and Engineering Drawing. C

Motions and forms of various mechanisms occurring in machines; gear-teeth and the design of valve gears for steam engines. The drawing includes practical problems supplementing the mechanism, also machine drawing. (D. and S. 1-2.)

*Instrument fee, $4 for the year.*

5, 6. Surveying and Topography. B

Lectures, field work and drafting. Use, adjustment, and care of instruments; surveying methods; computations; plotting; topographical drawing; military map making and sketching. (D. and S. 1-2, and Trig.)

*Instrument fee, $2 for the year.*

Note. Students who expect to take a course in a school of technology after graduation should consult Professor Swett in regard to their election of subjects.

## ECONOMICS

Professor House
Mr. Williams

1. Principles of Economics. A

An introductory course giving a systematic survey of the general field of economics. Basic concepts; characteristics of the present economic system; the production and consumption of wealth; exchange; value and price; money and banking; international trade. Not open to freshmen.
Mr. Williams.

2. Principles of Economics. B

Continuation of Course 1 in the second semester. The distribution of wealth; rent, wages, interest, profits; socialism; selected economic problems; taxation and public expenditures.
Mr. Williams.

3. Financial Organization of Society. B

The nature and functions of money; credit; modern financial institutions including banks of different types and corporations in their financial aspects; the currency and banking system of the United States. (Econ. 1-2.)
Professor House.

4. Business Organization and Management. B

The typical problems and forms of organization of modern business enterprises, examined with regard to financial, technological and labor problems of production, selling, and office management. (Econ. 1-2.)
Professor House.

5. Public Finance. C

Government receipts and expenditures; taxation; public debts; financial administration. (Econ. 1-2.)
Courses 5 and 7 are given in alternate years.
Professor House.

[6. Industrial Relationr. C]
The relations of owners, management, and employees in modern industry; labor management; workers' organizations; political and legal aspects of industrial relations. (Econ. 1-2.)
Courses 4 and 6 are given in alternate years.
Professor House.

7. Transportation. C
Fundamental aspects and problems of the movement of goods from original sources to ultimate destination; highways and motor trucks; inland and ocean water transportation; railway transportation; the transportation of mail and parcels; special forms of transportation and recent tendencies. (Econ. 1-2.)
Professor House.

8. Economic Cycles and Crises. C
The history, problems, and theory of economic cycles, business crises and depressions, and panics. (Econ. 1-2 and permission.)
Courses 8 and 14 are given in alternate years.
Professor House.

[14. Marketing. B]
A survey of marketing methods and problems. Raw materials; various types of middlemen; defects in the marketing of raw materials; marketing of manufactured goods; the wholesale and retail trade; sales management; price policies, brand and trade marks; advertising. (Econ. 1-2.)

21. Principles of Sociology. C
The fundamental problems of sociology as a scientific discipline; human nature and the group; social organization and social processes; types of collective behavior. This course and the following attempt to explain familiar materials of the personal and community experience of the student in

scientific terms, but will not deal with the more concrete "social problems" as problems of legislation and administration. (Econ. 1-2, and Biol. 1-2 or 16 or permission.)
Professor House.

22. Principles of Sociology. C

Continuation of Course 21 in the second semester.
Professor House.

23. Social Problems. C

Social pathology and the more concrete problems of social reform and public betterment. Problems of public health, poverty and dependency, family disorganization, juvenile delinquency, crime, mob violence and race wars; community organization and planning, housing problems, public recreation, education as a social problem; and population problem. (Econ. 1-2 and permission.)
Professor House.

24. Rural Sociology. C

The characteristic structure, functions, institutions, and problems of rural and village communities. (Econ. 1-2, and 21-22, 23, or permission.)
Courses 24 and 26 are given on alternate years.
Professor House.

[26. The Study of the Community. C]

An advanced course for seniors or graduate students who have some preparation and interest in sociology. Students will be asked to work out concrete studies and problems in the actual factors, institutions, and problems of rural or village communities. (Econ. 1-2, 21-22, or 23, and permission in all cases.)
Professor House.

## ENGLISH

Professor Cady
Assistant Professor Perrin
Assistant Professor Studley
Mr. P. C. Perkins
Miss Bolton

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Professor Skillings
Professor Harrington

1. Fundamentals of Composition. A

An introductory course giving practice in writing to attain a standard of correctness and some skill in expression.
Assistant Professor Perrin, Assistant Professor Studley, Mr. Perkins, Miss Bolton, Professor Skillings.

2. Fundamentals of Literature. A

An introduction to the novel, drama, and poetry, through a study of outstanding recent works in these types.
Assistant Professor Perrin, Assistant Professor Studley, Mr. Perkins, Miss Bolton, Professor Skillings.

Courses 1 and 2 are required of all freshmen and are prerequisite to all other courses in the Department.

3, 4, Nineteenth Century Poetry. B

3. Studies in the poets of the Romantic Movement, from Wordsworth through Landor.
4. Studies in the Victorian Poets, from Tennyson through the Pre-Raphaelites. (Eng. 1, 2.)
Assistant Professor Studley.

5, 6. Nineteenth Century Prose. B

A study of the personalities and ideas of the leading writers of non-narrative prose from Lamb to the present. (Eng. 1), 2.
Assistant Professor Perrin.

In 1923-24 English 3, 4 is open only to women and English 5, 6 only to men.

7, 8. History of English Literature. B
A study of the development of English Literature from the earliest times to the present day. (Eng. 1, 2.)
Mr. Perkins.

9, 10. Shakespeare. B
A study of all the plays of Shakespeare. (Eng. 1, 2.)
Professor Cady.

13, 14. Literature from 1500 to 1800. C
13. An intensive study of the non-dramatic literary development between the period of the Renaissance and the Restoration.
14. A continuation of this study until the opening of the Nineteenth Century. (Four courses in English and permission.)
Professor Cady.

15. Expository Writing. B
A course in the formation of opinion and its expression, centering about the editorial as a type. (Eng. 1, 2.)
Assistant Professor Perrin, Assistant Professor Studley.

16. Narrative Writing. B
A study of various types of narrative with especial emphasis on the short story. (Eng. 1, 2.)
Assistant Professor Perrin, Assistant Professor Studley.

17, 18. Business Communication. C
Practice in various types of business letters and reports, small circulars, advertisements, propaganda articles. (Four courses in English.)
Assistant Professor Perrin.

19, 20. Creative Writing. C
An opportunity for students with considerable facility and interest in writing to express themselves under guidance in the various literary forms: Verse, essay, short play, short story. (Four courses in English and permission.)
Assistant Professor Perrin.

21, 22. Modern Drama. C
A study of the development of the drama in Europe and America since Ibsen. (Four courses in English.)
Professor Cady.

23. Browning. C
An intensive study of the poetry of Robert Browning. (Four courses in English.)
Professor Harrington.

24. Milton. C
A study of Paradise Lost and Paradise Regained, epics of the English Renaissance and Reformation. (Any four courses.)
Assistant Professor Studley.

26. Poetics. C
A study of the ground-work of poetic appreciation. (Any four courses.)
Mr. Perkins.

## FINE ARTS

### Professor Burrage

1. Greek Art.
Instruction is given by lectures and stereopticon talks, supplemented by extensive reading on the student's part. Written tests come every two weeks. The art and civilization of Assyria, Egypt, and other nations whose work had a formative influence on the Greeks are treated extensively by way of introduction to Greek art proper.
Professor Burrage.

## THE FRENCH SCHOOL

Professor Williamson de Visme, Dean
Professor René Hardré
Assistant Professor Albert Cru
Madame Williamson de Visme
Madame Albert Cru
Mademoiselle Elizabeth Roseneige

1a, 2a. Beginners' French.
A careful drill in pronunciation, elementary syntax, reading and conversation. Special attention to Phonetics as a foundation for further study of the language. Six hours a week.
Professor de Visme and Mademoiselle Roseneige.

3, 4. Intermediate French. A
General review course: grammar, dictation, reading. (For all students, offering two years of preparatory French).
Professor Hardré, Assistant Professor Cru, Madame de Visme and Madame Cru.

5, 6. Introduction to Reading. B
Rapid reading of modern prose and short plays. Outside reading exacted of the pupils with written reports of the books read. (For Sophomores and those having had three years of preparatory French.)
Professor Hardré, Assistant Professor Cru, Madame de Visme and Madame Cru.

7, 8. Elementary Composition. B
Practise in written self-expression together with a study of vocabulary building, letter-writing, etc. (For Juniors. Prerequisite French 5, 6 or permission of Dean.)
Assistant Professor Cru.

11, 12. Introduction to the Study of Literature. B
A course to train students how to study literature. A preparatory course to French 15, 16, 17, 18.
Professor Hardré.

15, 16. FRENCH LITERATURE OF THE NINETEENTH CENTURY. C

Acquaintance with the great literary movements of the 19th century and a study of the principal novels. (For Juniors.)
Professor HARDRÉ.

17, 18. FRENCH LITERATURE OF THE SEVENTEENTH AND EIGHTEENTH CENTURIES. C

A general survey of the French literature of these two centuries. This course should be taken by students intending to teach French. (For Juniors and Seniors.)
Assistant Professor CRU.

[23. FRENCH POETRY. C]

This course deals with the main aspects of poetry in France from the sixteenth century down to the present. Special study of classic verse, and the poets of the 19th century. (For Seniors.)
Professor DE VISME.

COURSES FOR THE MASTER'S DEGREE

21, 22. HISTORY OF FRANCE. C

French government and political institutions; social and religious conditions; industries. Special attention paid to the political history of the French since 1815.
Mademoiselle ROSENEIGE.

25, 26. ADVANCED GRAMMAR. C

A systematic review. Difficult questions of syntax, etc.
Professor DE VISME and Mademoiselle ROSENEIGE.

31, 32. GEOGRAPHY OF FRANCE. C

This course is a basis for a better understanding of the history and literature of France, French colonies and possessions, commercial expansion, etc.
Madame WILLIAMSON DE VISME.

33, 34. Advanced Composition. C
Practice in writing idiomatic French. A study of synonyms, style and sustained writing.
Madame Williamson de Visme.

[35, 36. Molière, Corneille and Racine. C]
An intensive study of the works of these three writers. Original work and investigation. Readings, reports, lectures.

37, 38. La Fontaine et ses Fables. C
A study of the man and the writer. The Fables are also used as a means for the study of diction and interpretation. (Given in the second semester.)
Professor Williamson de Visme.

[39, 40. Conversation and Composition. C]
A careful study of vocabulary building, oral narration, dictation, object lesson work.

41, 42. Phonetics. C
Comparative, analytical and synthetical study of French sounds, with aural, oral and written drills; individual work with the pupils; use of phonograph and piano. The French School will give no recommendation to those who have not taken and passed this course with credit.
Professor Williamson de Visme and Mademoiselle Roseneige.

Note: Seniors intending to teach French after graduation may elect Courses 21, 26, 41, 42 with the consent of the Dean. Courses 15, 16, 17, 18, and 23 may count for the Master's Degree by properly qualified students.
All courses in the French School are conducted in French.

The French School is primarily a training school for teachers of French, originating in the Summer Session, and first continued through the academic year of 1919-1920. Its headquarters is La Maison Française de Middlebury College, formerly Hillcrest, which has been transformed into a characteristic French home for

graduate and advanced students of the language who desire to pursue their study in residence. French alone is the language of the French School. No student will be retained in the School, unless the rule of speaking only French is taken seriously. College students desiring residence there are accommodated so far as the facilities permit. All students who intend to teach French should spend at least one year in residence in La Maison Française. (For rates, see page 95.)

## GEOLOGY

Professor Swett

1. General Geology. B

(*a*) Dynamical: the forces that have shaped and are now shaping the earth's surface. (*b*) Structural: the structure of the earth's crust and the more important rocks and minerals. (Chem. 1-2 or Biol. 1-2.)

2. General Geology. B

(*c*) Historical: the history of the evolution of the earth and of the organic kingdom. (*d*) Introduction to Economic Geology. Field trips. (Geol. 1.)

3. General Introductory Geography. A

A study of the physical geography of the world, its relation to all life, especially man, and its effect on his material needs, his occupations, his efficiency and his higher needs.

4. Economic Geography. A

A study of natural resources and the distribution of products and commodities as influenced by geographic conditions. The relation of these resources and their development to man, to the growth of communities and nations, and to industry and trade.

## GERMAN

Professor SKILLINGS
Miss SCHÜLLER

1, 2. BEGINNERS' GERMAN.
Elements of phonetics, drill in pronunciation and comprehending the spoken language; elements of grammar; reading of simple prose.
Professor SKILLINGS.

1a, 2a. BEGINNERS' GERMAN.
Six hours a week. This course may be elected as two courses each semester and counts six points toward the A. B. or B. S. degree.
Miss SCHÜLLER.

3, 4. INTERMEDIATE GERMAN. A
Grammar review; reading, composition and free reproduction. (German 1, 2 or two years of preparatory school German.)
Miss SCHÜLLER.

5, 6. MODERN GERMAN PROSE. B
Reading in prose of varied style and subject matter to aid students in acquiring a large working vocabulary. (German 1a, 2a or equivalent.)
Professor SKILLINGS.

7, 8. SCIENTIFIC GERMAN. B
(German 1-2 or equivalent.)
Miss SCHÜLLER.

[9, 10. THE CLASSIC PERIOD. C]
(German 5-6 or equivalent.)

11, 12. NINETEENTH CENTURY LITERATURE. C
(German 5, 6 or equivalent.)
Miss SCHÜLLER.

14. German Phonetics
A careful study of the sounds of the German language, especially designed to give training in accuracy of pronunciation. One hour a week. (German 1-2 or equivalent.)
Miss Schüller.

31. Lessing, Goethe and Schiller in English. C
Professor Skillings.

32. Goethe's Faust in English. C
Professor Skillings.

## GREEK

Professor Burrage

13, 14. Beginners' Greek. A
A course for those who wish to begin Greek in college. The course should fit the student to take up the regular Freshman Greek the following year.

1. Colson's Greek Reader and the Gospel of Mark. B
(Greek 13-14, or its equivalent.)

2. Homer's Odyssey. B
(Greek 1.)
(*Greek 13-14 or Greek 1-2, or Latin 1-2 is required of A. B. Freshmen.*)

3. Euripides' "Iphigenia Among the Taurians"; Lyric Poets. C
Lectures are given on the origin, history, and purpose of the drama. (Greek 1-2.)

4. Plato's Apology. C
(Greek 1.)

5. Sophocles and Aeschylus. C
The *Electra* of Sophocles; the *Prometheus* of Aeschylus. (Greek 3.)

6. Aristophanes. C
The *Clouds* and *Birds*. (Greek 3.)

[7. Plato's Republic. C]
(Greek 3-4.)

[8. Aristotle's Ethics. C]
Courses 7 and 8 alternate with 5 and 6. They afford students of philosophy and ethics a chance to read in the original tongue the two masterpieces of the two greatest minds of antiquity. The charm of the *Republic* as literature will receive special emphasis. (Greek 7.)

## HISTORY

Professor Kline
Professor White
Assistant Professor J. P. Davison

1, 2. Social History of the Western World. B
A general survey of the development of modern civilization from early times to the present. This course is designed with special reference to the needs of students who are able to take only one year of work in the department.
Assistant Professor Davison.

3, 4. American History. B
The period covered is from the time of the first English settlements to the close of the Civil War. Special emphasis upon political and constitutional development.
Professor Kline.

5, 6. English History. A

This course is introductory to the other courses in the department. Students intending to take more than one year of work in History are advised to elect this course in their Freshman year and follow it with either 3, 4 or 7, 8.
Assistant Professor Davison.

7, 8. Nineteenth Century Europe. B

A study of the development of the European nations from the time of the French Revolution to the present, with special reference to the growth of democracy and nationalism, and the expansion of European political influence in Africa and Asia.
Assistant Professor Davison.

9. Social and Economic History of the United States. C

A general survey of American development to the time of the Civil War with reference to the main features of its economic development, including the influence of geographic environment, the importance of colonial trade, the growth of domestic industries, the development of transportation, the labor problem and slavery.
Professor Kline.

10. The United States Since the Civil War. C

This course is a continuation of both History 3-4 and History 9 but may be taken independently. Special emphasis is placed upon the great changes in American society since the Civil War and the historical background of the present problems of the nation. (History 3-4 or History 9.)
Professor Kline.

11, 12. Seminar. C

An intensive study of some limited phase of history for the purpose of affording training in methods of historical research, critical evaluation of sources, and scholarly presen-

tation of the results of historical investigation. (Two C courses; permission of instructor.)
Professor KLINE.

14. ANCIENT HISTORY. B
Development of ancient civilization, with special emphasis on Greece and Rome. Much attention is paid to the use of sources, as being of extreme importance in supplying the proper viewpoint and stimulus, especially to those who are to teach ancient history in high schools.
Professor WHITE.

18. THE TEACHING OF HISTORY. C
A course for students who intend to teach history in high school. (Two B courses.)
Professor KLINE.

[19. THE DEVELOPMENT OF MODERN CONSTITUTIONAL GOVERNMENT C]
A survey of the political development of modern nations, especially England and the United States, for the purpose of studying the gradual development of the principles of constitutional government. (Two B courses in History or Political Science.)
Professor KLINE.

21, 22. CONTEMPORARY INTERNATIONAL RELATIONS. C
A survey of the field of international relations with special reference to the problems arising out of the World War (Two B courses)
Professor KLINE.

NOTE. Students desiring to major in this department may arrange with the instructor for special work in connection with courses 3, 4, 5, 6, 7, 8, and 14 which will enable any of them to be counted as of C grade.

## HOME ECONOMICS

Assistant Professor DUTTON
Assistant Professor KNAPP
MISS ROY

1, 2. FOOD: ITS SELECTION AND PREPARATION. A

Classification, composition, and function of foods; principles involved in application of heat to food constituents; various processes applied in the preparation of foods; simple meal preparation and serving. Recitations, lectures, and laboratory work. 1-2, and 5-6 may be counted as a minor in Home Economics.

*Laboratory fee, $8.00 for each semester.*

MISS ROY

3. MEAL PLANNING AND SERVING. B

Preservation of foods by means of canning, pickling, preserving, drying and jelly-making; buying of foods; processes in the preparation of foods; planning, serving and computing costs of meals of various types. (H. E. 1-2, Chem. 1-2.)

*Laboratory fee, $10.00.*

MISS ROY.

4. NUTRITION AND FOOD ECONOMY. C

Nutritive value and place in the diet of foods. Detailed study of menu planning for different costs and to meet the needs of different types of families and persons. Preparation and serving of formal luncheons to outside guests. (H. E. 3.)

*Laboratory fee, $10.00.*

MISS ROY.

5, 6. CLOTHING AND TEXTILES. A

The fundamental stitches; use of drafted and commercial patterns; hand and machine sewing applied to simple garments. In the second semester the history and processes of textile

manufactures are taken up, with a study of the quality and cost of materials. 5-6 and 1-2 may be counted as a minor in Home Economics.

*Laboratory fee, $2.00.*

Assistant Professor KNAPP.

7. HOUSEHOLD ADMINISTRATION. B

Woman's place in the home and the community; buying, arrangement, and storing of general household supplies; care of the house; domestic service; labor saving devices; division of income and accounting. (H. E. 1.)

Miss ROY.

8. DIETETICS. C

Principles of nutrition; chemistry and physiology of digestion; dietary standards; diets under different conditions; children's diets; school lunches; invalid cookery; detailed work in preparation and cost of balanced meals. (H. E. 3, Biol. 13, Chem. 21.)

*Laboratory fee, $8.00.*

Assistant Professor DUTTON.

9. METHODS. C

Methods of teaching Home Economics; planning courses of study; making lesson plans; studies in equipment. This course may be counted toward a major in Pedagogy. (Permission of instructor.)

Assistant Professor KNAPP.

10. MILLINERY. B

Study of design in hats as related to wearer. Construction of hats of various types of material. Construction and application of trimmings. Renovation of hats. Study of materials and prices. Making of hat frames. (H. E. 5.)

*Laboratory fee, $2.00.*

Assistant Professor KNAPP.

11. Advanced Clothing. B

Practice in designing of patterns and draping; study of design in relation to costume; practice in making outer garments of wool and silk. (H. E. 5-6.)

*Laboratory fee, $2.00.*

Assistant Professor Knapp.

12. House Planning and Decoration. C

Development of the house; study of house plans; house construction and sanitation; planning of grounds; design as applied to houses; color schemes; the choosing of appropriate and harmonious furniture and draperies; woods and their finishes; period furniture and Oriental rugs. (H. E. 7.)

Miss Roy.

13, 14. Practice House. C

Practical application of the principles of household management, including budget making and household accounts, planning, buying, preparation and serving of meals, and care of the house. (Permission of instructor.)

Assistant Professor Knapp.

## LATIN

Professor WHITE
Professor BURRAGE
Professor ROBINSON

1. LIVY. A

The second Carthaginian war. Translation, direct use of Latin, prose exercises, study of vocabulary, practice in verb forms, and development and use of cases.
Professor WHITE and Professor ROBINSON.

(*Latin 1-2 or Greek 1-2 or Greek 13-14 is required of A. B. Freshmen.*)

2. CICERO. A

Selections from the *Letters* and *De Amicitia*. The story of the struggle between Republic and Empire, with the fortunes of Caesar and Cicero as written in the *Letters*. Part of the recitation will be conducted in Latin. (Latin 1.)
Professor WHITE and Professor ROBINSON.

3. PLINY THE YOUNGER. B

Selections from the *Letters* are made, presenting a large number of references to life and customs, and intended to bring the student into close touch with the daily life of the Romans. This course is requisite to all of the translation courses following. (Latin 1-2.)
Professor WHITE.

4. HORACE. B

Selected *Odes* and *Epodes*. Comparison of the odes with the lyrics in Latin, English and other languages. The debt of English poetry to Horace. Very careful preparation of notebooks is required. (Latin 3.)
Professor BURRAGE.

[6. Latin Literature and Selections. C]
A study of the development of Latin literature with representative selections in prose and verse for advanced students. (Latin 3 or 4.) (This course alternates with Latin 8.)
Professor White.

[7. Roman Comedy. C]
The translation of the *Captivi* and *Trinummus* of Plautus, with rapid readings from the *Andria* of Terence. (Latin 3 or 4.) (This course alternates with Latin 9.)
Professor Burrage.

8. Tacitus. C
The *Germania* and *Agricola*. Comparison of Tacitus with other writers of his time. A study of the Roman colonial system. The history of the later Empire; the influence of Rome on the northern tribes. Library reading. (Latin 3 or 4.)
Professor White.

9. Roman Satire. C
Selections from the *Satires* of Horace, Juvenal, and Persius and the *Epigrams* of Martial. A study of Roman society under the early Empire. (Latin 3 or 4.)
Professor Burrage.

11. Advanced Latin Prose for Teachers. C
A prominent feature of the course will be the use of Latin in conducting many of the class-room exercises. Based on Caesar's *Gallic War*. (One C course.)
Professor White.

12. The Teaching of Preparatory Latin. C
A study of methods and authors used, and teaching problems; the necessity of making Latin a live language; quality *versus* quantity; literary appreciation. This course may be counted toward a major in Pedagogy. (One C course.)
Professor White.

## MATHEMATICS

Professor PERKINS
Professor BONNEY*
Miss WILEY
Mr. KALIN

1. PLANE AND SPHERICAL TRIGONOMETRY. A

*This course or (1b) is required of B. S. Freshmen.*
Miss WILEY and Mr. KALIN.

(This course will not be given after this year.)

2. ALGEBRA. A

*This course (or 2b) is required of B. S. Freshmen.*
Miss WILEY and Mr. KALIN.

(This course will not be given after this year.)

1b, 2b. ELEMENTARY MATHEMATICAL ANALYSIS. A

For students entering with thorough preparation in mathematics; permission of the instructor must be secured. A full year's credit in this course will be counted toward the B. S. requirement in place of 1-2 above.
Professor PERKINS and Miss WILEY.

3. PLANE ANALYTIC GEOMETRY. B

(Math. 1-2.)
Professor PERKINS and Miss WILEY.

(This course will not be given after 1924-25.)

4. INTRODUCTION TO CALCULUS. B

The two fundamental operations of calculus, together with those applications most commonly encountered in applied mechanics, and the theory of electricity and magnetism. (Math. 1, 2, and 3.)
Professor PERKINS and Miss WILEY.

(This course will not be given after 1924-25.)

*On leave.

3b, 4b. Applied Mathematical Analysis. B
(Math. 1b-2b.)
Professor Perkins and Miss Wiley.

5, 6. Differential and Integral Calculus. C
A detailed course, taking up the more extended and difficult applications. (Math. 1, 2, 3, 4.)
Professor Perkins.

[5b, 6b. Applied Mathematical Analysis. C]
A continuation of 3b and 4b.
Professor Perkins.

[15, 16. The Teaching of Preparatory Mathematics. C]
Consideration of the place and the use of arithmetic, algebra, geometry and trigonometry and the standards to be set in the teaching of these subjects; the collection and arrangement of historical and biographical material to form a background that shall awaken interest in the subject matter; practice in the selection of texts and the laying out of courses; a study of fundamental principles and discussions of methods of presentation and explanation. (Math. 1, 2 and 3 or Math. 1b, 2b, 3b and 4b.)
Professor Perkins.

(This course is open to women only this year (1923-24) and on alternate years hereafter. In 1924-25 and on the alternate years thereafter it will be conducted by Prof. Perkins and will be open to men only.)

19, 20. Modern Geometry. C
(Math. 1, 2, 3, 4 or Math. 1b, 2b, 3b, 4b.)
Professor Perkins.

31, 32. Theory of Functions of a Complex Variable. C
Fundamental course in the conceptions of modern higher analysis. (Math. 1, 2, 3, 4, 5, 6 or 1b, 2b, 3b, 4b, 5b, 6b.)
Professor Perkins.

## MUSIC

Professor HATHAWAY
Mr. LARSEN
Miss HAYDEN
Miss SLAYTON
Miss GAYLOR

1, 2. ELEMENTARY HARMONY. B

The first steps in the study of musical composition and of the analysis of musical works. The course embraces scales and signatures, triads and their progressions, modulation and suspensions, also the invention and harmonization of melodies and choral writing in four parts.
Professor HATHAWAY and Miss SLAYTON.

3, 4. ADVANCED HARMONY AND COUNTERPOINT. C
(Music 1-2.)
Professor HATHAWAY.

5, 6. MUSICAL APPRECIATION. A

This course is designed to develop, without going too deeply into technicalities, the ability to listen to good music. It aims to present, in untechnical language, an account of the evolution of musical art by analysis of the principal musical forms. Lectures on the development of instrumental music and the opera; selections explained and illustrated at the piano and by victrola records; study of the lives of the great composers. No previous technical or theoretical knowledge is required for this course.
Professor HATHAWAY.

7, 8. MUSICAL MASTERPIECES. C

Harmonic and thematic analysis of some of the work of the world's greatest composers. (Music 1-2, 3-4, 5-6.)
Professor HATHAWAY.

PRACTICAL COURSES

9, 10. Individual instruction in the study of the pianoforte.
Professor HATHAWAY and Miss GAYLOR.

11, 12. Individual instruction in the study of the organ.
Professor HATHAWAY.

In the above courses, students may register for one or two lessons each week, but six hours' practice is required weekly.

13, 14. Study of the Violin and Violoncello.
Mr. LARSEN.

15, 16. SINGING.
Private lessons in voice placing, interpretation and repertoire. This course builds and strengthens the voice, develops a beautiful tone and extends the range in many cases several tones. It also helps to keep the student in good physical condition by the correct breathing and the proper use of the muscles of the whole body.
Miss HAYDEN.

17, 18. ORCHESTRAL PLAYING.
Study of orchestral technique and drill in ensemble playing. Weekly rehearsals. One college credit. (Permission of instructor.)
Mr. LARSEN.

The courses in the theory of music (1-8) will receive credit toward a degree and are subject to no additional fee. Practical work in music, taken in connection with the theoretical courses of the department, may be given two hours credit in each year.

*The College Choir:* The college choir holds two rehearsals weekly and sings at the chapel service each week-day and at the Sunday vesper service. Opportunity is given to study the works of the best composers of sacred music.
Professor HATHAWAY.

*Orchestra:* Drill in ensemble playing. Open to students of any class without fees. Rehearsals are held once a week. Regularity of attendance is required.
Mr. LARSEN.

*Charges for Practical Courses in Music*

| | |
|---|---|
| Piano instruction—per semester | |
| 1 lesson weekly | $32.00 |
| 2 lessons weekly | 64.00 |
| Daily practice period | 8.00 |
| Organ instruction—per semester | 32.00 |
| Daily practice period | 12.00 |
| Violin instruction—per semester | 32.00 |
| Vocal instruction—per semester | |
| 1 lesson weekly | 32.00 |
| 2 lessons weekly | 64.00 |

## PEDAGOGY

Professor HOWARD
Professor KINGSLEY
Professor ADAMS

1. INTRODUCTION TO PSYCHOLOGY. A

An elementary course, the basis of the courses in educational theory and practice that follow. It should be elected by all students intending to teach and as early in their program as is consistent with their other requirements. Pedagogy 1 is introductory to Pedagogy 2, Pedagogy 4, and Philosophy 2.
Professor HOWARD.

2. PRINCIPLES OF EDUCATION.

A continuation of Pedagogy 1, with special reference to the meaning, bases, aims, methods, and values of education, and the functions of organized schools. (Ped. 1.)
Professor ADAMS.

4. SOCIAL PSYCHOLOGY. B

A study of the forms of human behavior which characterize the group; their relation to social progress, nationality, community and institutional life, and individual development. Application to such educational problems as discipline, so-

cialized method, group activities, community organization. (Ped. 1.)
Professor Howard.

5. Principles and Practice of Teaching. C
Study of types of teaching, types and functions of recitation, supervised study, collection and use of materials, use of teaching devices, general and special method, technique of instruction, text-book criticism, assignment and presentation of lessons and use of educational literature. (Two B courses in Pedagogy.)
Professor Adams.

6. Educational Supervision and Administration. C
A course for superior students of education who desire to prepare for work as principals, superintendents or supervisors. This course will also welcome special teachers who desire to obtain a general knowledge of technique and standards in modern pedagogy. The course will pay attention to the organization, administration and financing of schools; the different methods and practices used in efficient instruction and the different means of surveying and comparing results of one system with standards of another. (A grade of 80 per cent in two B courses required to enter.)
Professor Kingsley.

7. Problems of Secondary Education. C
This course will deal with the most prominent problems in education. It will present aims of education, comparing all the different aims which are receiving special attention. The curricula and program, discipline including forms of student government, school efficiency, problems of interest, motivation and projects, methods of grading, examining and promoting, problems of reorganizing the school system of supervised study, of balanced program, of recreation, of individual differences, of exploratory and basic courses and of community life. (Any B course in Pedagogy.)
Professor Kingsley.

8. The Junior High School. C

A survey of the factors which have led to the reorganization of secondary education, followed by a critical study of the junior high school plan and the various problems involved in its organization and administration. (One B course in Pedagogy.)
Professor Adams.

10. Educational History and Theory. B

A historical evolution of educational theories and practices; a readjustment of schools to meet the needs of different philosophies of the world; a consideration of the greatest educational classics; previous problems of education and the historic treatment of such; the development of our present systems of education; the present educational theories and their relations to the past and to present-day psychology. This course emphasizes the social development of civilization as it struggles from barbarism to present-day civilization. Special emphasis will be placed upon government and philosophy of the different periods considered. (Pedagogy 1-2.)
Professor Kingsley.

11, 12. Educational Psychology. C

Innate tendencies and capacities; heredity; individual differences and their significance in education; individual and group intelligence tests; types and principles of learning; mental training and transfer; mental attitudes; educational tests and their uses. The second semester of this course will be devoted to a study of psychology as applied to secondary school problems with emphasis on the mental processes involved in high school subjects. (One B course in Pedagogy.)
Professor Howard.

## PHILOSOPHY

Professor HARRINGTON

1. INTRODUCTION TO PHILOSOPHY. A
A natural approach to the problems of Philosophy through a discussion of the common facts of human experience and an analysis of the college curriculum.

2. LOGIC. A
A study of the principles of sound reasoning, with concrete illustrations at every point and practice in the classroom.

5. ETHICS. B
An inquiry as to moral values, especially in their relation to self-realization; much reference to the practical activities and problems of everyday life. (Phil. 1 and 2, or Ped. 1 and Phil. 2.)

6. SOCIAL PHILOSOPHY. B
A study of the foundations on which social relations rest, the modes of association, and the principles of social ethics, with an examination of various ideal schemes of human society from Plato's Republic to the present time. (Phil. 1 and 2, or Ped. 1 and Phil. 2, or Sociology.)

7. HISTORY OF PHILOSOPHY. C
A survey of the work of the great thinkers and a tracing of the main currents of philosophic thought. (Phil. 5 or 6.)

10. PHILOSOPHY OF THE CHRISTIAN RELIGION. B
Beginning with the outlines of a Philosophy of Religion in general, the course then considers in detail the main points of Christian Philosophy as embodied in the faith of the Church. (Phil. 1 or Ped. 1, or Hist. 15 and 16.)

12. ETHICAL DEVELOPMENT OF MANKIND. C
The course aims at securing some adequate conception of the moral life of the race, particularly as shown in its religious history. (Phil. 5 or 6 or 7.)

NOTE. Special permission may be given, in individual cases, to students to take Phil. 7, 10, or 12, even if they have not had the prerequisites specified above, provided they have taken in other departments courses of equal grade and of such a nature as to have furnished the necessary preparation.

## PHYSICAL EDUCATION

Assistant Professor YOUNG

1w, 2w. PHYSICAL EDUCATION.

A foundation course which includes health talks and required readings; formal floor work with special emphasis on posture; a variety of outdoor games and sports. A physical examination is required and corrective work given if needed. *Required of all Freshmen.*

3w, 4w. PLAYGROUND COURSE. A

Designed for those who may wish to do playground work. Study of child nature, functions of play, the playground movement, practical conduct of playgrounds, organization and administration of playgrounds. Laboratory work includes the teaching of story gymnastics, games and folk dances, and the theory of coaching track and competitive sports. Practice teaching in grammar school classes.

5w, 6w. METHODS OF TEACHING PHYSICAL EDUCATION. B

The purposes, aims, and scope of physical education; selection, classification, and progression of gymnastic exercises, including Swedish and German Systems; the methods and values of physical examinations; corrective gymnastic exercises for special defects; practice teaching in grammar and high school. This course may count toward a major in Pedagogy. (Permission of instructor.)

7w. ADVANCED THEORY AND PRACTICE GYMNASTICS FOR FRESHMEN.

Two hours lecture and one hour laboratory. Physical examinations and fundamentals in first aid and home nursing. Presentation of lesson plans in Physical Education to Normal Training Class in High School. Practice teaching in grades and high school.

## PHYSICS

Professor Bryant

1, 2. General Physics. A

An introduction to the fundamental principles of general physics. The first semester's work is prerequisite to the second. (Math. 1-2.)

3. Heat. B

The experimental methods that have been used in measuring the various quantities which are connected with this portion of the science are considered in detail. The kinetic theory of matter and thermo-dynamics are among the additional topics studied. (Phys. 1-2.)

4. Electricity and Magnetism. B

An advanced course covering more thoroughly many of the topics studied in the corresponding work in general physics, together with some additional topics, such as the discharge of electricity through gases, electrons, radio-activity, and wireless telegraphy. (Phys. 1-2.)

[5. Light. B]

An advanced course for students who wish more knowledge of the subject than can be obtained from general physics. The laws of reflection and of refraction, with their application to optical instruments; the wave theory of light; the spectrum and its teachings; the phenomena of radiation, absorption, dispersion, interference, and diffraction are some of the topics considered. (Phys. 1-2, Trig.)

7. Physical Measurements. C

Elementary theory and practice of physical manipulation. Laboratory work in the measurements of length, mass, time, velocity, linear and angular acceleration; the verification of the laws of equilibrium of forces; the determination of coefficients of elasticity; the density of solids, liquids and gases; experiments in sound. (Phys. 1-2.)

*Laboratory fee, $5.*

8. Physical Measurements. C

Measurements of thermal expansion, specific heat, latent heats of fusion and of evaporization. In electricity, fields of force, electric resistance, electro-motive forces, and strengths of current are measured. The laws of reflection and refraction of light waves and the formation of images by mirrors and lenses are studied, and indices of refraction and lengths of light waves are measured. (Phys. 7.)

*Laboratory fee, $5.*

9. Astronomy. C

The celestial sphere; astronomical instruments; determination of latitude, longitude, and time; the earth as an astronomical body; the moon's motions and physical characteristics; the sun's physical characteristics; revelations of the spectroscope; eclipses; planets; comets; stars and nebulae. (Phys. 1-2.)

10. Analytic Mechanics. C

A discussion of the statics and dynamics of a particle and of a rigid body. Composition and resolution of forces, vectors, center of gravity, work, energy, impulse, moment of inertia, static and kinetic friction. This course may be counted toward a major in Mathematics. (Phys. 1-2, Math. 4.)

## POLITICAL SCIENCE

Professor Abbott
Professor Bonney*

[1. Elements of Government. A]

The origin and development of states and governments—their forms, functions, and administration. A study of general principles, with illustrations drawn from the institutions of many states.

Professor Bonney.

*On leave.

1b. The National Government of the United States. A

This course deals only with our national, or federal, government—the state and city governments being treated in distinct courses.
Professor Abbott.

[2. State Government in the United States. B]

In addition to the structure and operation of our state governments, this course will also cover briefly the functions and methods of local organization in counties and towns.
Professor Bonney.

[3. English Government. B]

A description and explanation of the present form and practice of the government of England, with a brief survey also of her colonial organizations. (Modern English or European history including England, or Political Science 1 or 1b.)
Professor Abbott.

4. European Governments. B

The national and, to a slight extent, the local governments of France, Germany, Switzerland, and other European states are studied in this course, with constant comparisons between these and the English and United States systems. (Modern European History and one Political Science course or two Political Science courses. Not given in 1922-23).
Professor Abbott.

5. Constitutional Law. C

A study of the Constitution of the United States and its interpretation by the Supreme Court. Of special value to all students of United States history and government and to prospective law students. (Two courses in United States History or Political Science 1 or 1b, and 2, 3, or 4.)
Professor Abbott.

6. City Government in the United States. B

The various forms, functions, and powers of city govern-

ments in the United States—with special emphasis upon recent experiments. (Political Science 1 or 1b.)
Professor ABBOTT.

7, 14. BUSINESS LAW. B
An elementary and practical course in contracts, agency, negotiable instruments, and other law subjects, designed primarily for students who intend to engage in business or in professions other than the law.
Professor ABBOTT.

8. INTERNATIONAL LAW. C
The nature, sources, and development of the rules governing the relations of civilized states in peace and war with careful attention to recent modifications of the same and to questions raised by the Great War. (No prerequisites for Seniors.)
Professor ABBOTT.

9. POLITICAL PARTIES IN THE UNITED STATES. C
This course will deal with the origin, growth, organization and functions of political parties in the United States from 1789 to the present time. Open to Juniors and Seniors. (Two courses in United States History or Political Science.)
Professor ABBOTT.

[10. AMERICAN POLITICAL THEORIES. B]
A study of the theories that have played important parts in the development of political forms and governmental policies in the United States, with an introductory view of earlier European theories. A useful course for students specializing in United States history or intending to study law. (Two courses in United States History or Political Science, 1 or 1b.)
Professor ABBOTT.

[12. AMERICAN DIPLOMACY. C]
This course will outline the history of the diplomatic relations of the United States with other nations and describe the general principles and rules governing the practice of diplomacy in modern times. (Two courses in United States History together with one in Political Science, or two courses in Political Science.)
Professor ABBOTT.

## PUBLIC SPEAKING

Professor DAVISON

1, 2. SPEAKING. B

A study of the principles of effective speaking, with drill in the preparation and delivery of practical speeches. (English 1, 2.)

3, 4. ARGUMENTATION. C

A study of the principles of argumentation and the psychology of public speaking, with laboratory work in debating. (Permission of instructor.)

5, 6. DEBATING

A one-hour, introductory course in the fundamentals of debating.

7, 8. PRIZE SPEAKING

A one-hour course in the elements of delivery, with class and personal coaching in preparation for the prize speaking contests. Course 7 is for Sophomore men and Course 8 for Freshman men.

9, 10. NEWS WRITING

A one-hour course in the preparation of news material, with practice in the actual work of the Press Club.

NOTE. Public Speaking 1-2, 3-4, with Eng. 1-2, may be counted as a major in Public Speaking.

## SPANISH

Professor MORENO-LACALLE
Miss DE ALDA
Miss HUICI

1a, 2a. ELEMENTARY SPANISH.

Pronunciation on a phonetic basis; reading of simple Spanish; abundant oral practice based on the reading text; grammar

taught inductively; careful vocabulary building; reading of simple selections. Spanish is used as the principal means of communication in the classroom. This course is designed to equip the student with a solid foundation for the more advanced study of spoken and literary Spanish. Six hours a week.
Miss DE ALDA and Miss HUICI.

3, 4. SECOND YEAR SPANISH. A
A continuation of oral practice with a review and more extended treatment of grammar; composition, mainly free; letter writing; translation. The subject matter of the texts consists of *realia* of the Spanish-speaking countries, and selections of the best Spanish authors. Outside reading of Spanish newspapers and magazines. Conducted in Spanish. (Spanish 1a-2a or two years of preparatory school Spanish.)
Professor MORENO-LACALLE, Miss DE ALDA and Miss HUICI.

5. HISPANIC REALIA. B
This course is intended to equip the student with a basic knowledge of the geography, history, customs, institutions, industries, and commerce of the Spanish countries, as an essential preparation for the following course in business Spanish correspondence. Oral discussion and composition in the form of letters. Conducted in Spanish. (Spanish 3-4.)
Miss HUICI.

6. BUSINESS SPANISH CORRESPONDENCE. B
Principles of effective letter writing in idiomatic Spanish, also the standards for couching properly a business letter. Practice in Spanish letter writing; general principles of business correspondence; specific types of letters; filing; telegrams, and general principles of Spanish commercial laws. Conducted in Spanish. (Spanish 5.)
Miss HUICI.

7. THE SPANISH NOVEL. C
A survey of the principal Spanish fiction writers of today, with a special study of their representative works. Oral

discussions and written composition. Conducted in Spanish. (Spanish 3-4.)
Miss DE ALDA.

8. THE SPANISH DRAMA. C

A survey of the principal Spanish playwrights of today, with a special study of their representative works. Oral discussions, and written composition. Conducted in Spanish. (Spanish 7.)
Miss DE ALDA.

9. METHODS OF TEACHING SPANISH. C

Historical review of methods; general and special principles of method; standard methods; the reform movement; the teaching of pronunciation; the teaching of grammar; vocabulary building; planning of courses; lesson plans; selection of text books; pedagogical principles applied to the teaching of Spanish. Conducted in Spanish. (Permission of instructor.)
Professor MORENO-LACALLE.

10. THE TECHNIQUE OF TEACHING SPANISH GRAMMAR. C

Devices for teaching Spanish grammar; the various types of lessons; questioning; treatment of reading texts; direct-thinking exercises. Conducted in Spanish. (Spanish 9.)
Professor MORENO-LACALLE.

11, 12. GENERAL HISTORY OF SPANISH LITERATURE. C

An introduction to the study of Spanish literature. The aim of the course is to acquaint the student with the main classical books and writers, and the principal literary movements and tendencies from the origins of Spanish literature (XII century) to the latter part of the XIX century.
Professor MORENO-LACALLE.

# THE COLLEGE BUILDINGS

## OFFICES

THE office of the President is located on the third floor of the Old Chapel. The President may be seen from 10:30 to 12 A.M. every day except Sunday, and consultation by students on any subject is cordially invited.

The offices of the Secretary of the Faculty, the Director of the Summer Session, the Superintendent of Real Estate, and the Graduate Manager of Athletics are all on the fourth floor of the Old Chapel.

The offices of the Deans are in the north division of Painter Hall.

The office of the Registrar is in Painter Hall, middle division.

The Treasurer and the Comptroller of the College have their offices in the Battell Block. At the opening of the college year, and again at the beginning of the second semester, the Treasurer establishes a temporary office in one of the College buildings, for the convenience of students in the payment of bills.

The office of the Editor of College Publications is in Painter Hall, middle division.

## PAINTER HALL

PAINTER HALL, completed in 1815, is the oldest college building in Vermont, and one of the best examples of colonial architecture in New England. It was first known as West College, but since 1846 has borne the

name of Gamaliel Painter, one of the founders of the College and a generous benefactor.

Several of the college offices are now located in this building and the remainder is still devoted to rooms for men.

## STARR HALL

STARR HALL was built in 1861 and was rebuilt, after a disastrous fire, in 1865. The funds for its erection were contributed by Charles and Egbert Starr. It is constructed of gray limestone.

## OLD CHAPEL

THE OLD CHAPEL, erected in 1836, is the central structure in the old stone row, built of the same material as Starr and Painter Halls. It is used as a recitation and administration building, with the College Bookstore and Pedagogical Library on the ground floor.

## THE EGBERT STARR LIBRARY

THIS beautiful marble building was erected with funds bequeathed by Mr. Egbert Starr, and dedicated in 1900. The cost of the building was $50,000, to which was added $5,000 for its decoration and $5,000 for the purchase of books; and in 1916, $5,000 for its further equipment, by the son of the donor, Dr. M. Allen Starr. The The Library contains about 50,000 volumes. Students are granted free access to the shelves. The building is open day and evening, and Sunday afternoon. The reference rooms contain reviews and magazines, and reading rooms with daily and weekly papers are main-

tained in Hepburn and Pearsons Halls. Reference libraries are also provided in the Departments of Pedagogy, Chemistry, Physics, Biology, Drawing and Greek.

The College is desirous of possessing a complete collection of the publications of Middlebury graduates, and alumni who are authors of either books or pamphlets are requested to co-operate by presenting the Library with copies of their works.

## THE WARNER SCIENCE HALL

The Departments of Physics, Biology, Geology, Drawing and Surveying, and Home Economics are quartered in Warner Science Hall, which was built in 1901 through benefactions of Ezra J. Warner of the Class of 1861. The building is a memorial of his father, Hon. Joseph Warner, formerly a resident of Middlebury and a Trustee of the College. By the will of Mr. Warner the College has received a bequest of $25,000 for the care and maintenance of the Hall, and for the purchase of supplies for the departments which it accommodates.

## THE HALL OF CHEMISTRY

In September, 1913, the Department of Chemistry was established in the new marble building erected with a portion of the General Education Board fund of $200,000.

In the basement are located the organic laboratories, a laboratory for special purposes, two photographic dark rooms, and general store rooms. The second floor provides two large laboratories for qualitative and quantitative analysis, a private laboratory, library and

conference room, two balance rooms, and a store room. On the upper floor are located the general chemical laboratory, a large lecture room, two private laboratories and a store room. A lecture room for advanced classes is located on the first floor.

The building is equipped with an extensive flue and ventilation system. The interior finish is gray unglazed brick. The building is located on the college quadrangle, facing the McCullough Gymnasium.

## THE MUSEUM OF NATURAL HISTORY

Among the professors of the College for many years have been men of marked ability in natural science, who have shared with the institution the fruits of their researches. One of the earliest geological surveys of Vermont was conducted by Professor Charles B. Adams, who then occupied the chair of Natural History. He laid the foundation for the large collection of fossils representing the different geological formations. The work of Professor Henry M. Seely, long connected with the College, is in evidence in the large collection of fossils of the Champlain Valley.

In botany, the complete series of the flowering plants and ferns of the Champlain region, which was collected by President Brainerd, is especially notable. Valuable additions have been made in the higher fungi and other cryptogamous plants gathered by Dr. Edward A. Burt.

The Zoölogical Museum has received accessions from the Smithsonian Institution and from Hon. A. Barton Hepburn of the Class of 1871.

## THE McCULLOUGH GYMNASIUM

The gymnasium erected in 1910 is named from the Hon. John G. McCullough of Bennington. The structure is marble, and the style colonial, like the other buildings of the College. The main floor contains a large exercising room and basket-ball court, with a room for smaller gymnastic classes, which also serves as a stage for dramatic representation. The first floor contains a locker room, abundant shower baths, director's office and examination room, faculty locker room, two handball courts, boxing and fencing room, and quarters for visiting athletic teams. A convenient serving room renders the building available for college banquets.

## THE MEAD MEMORIAL CHAPEL

On May 15, 1914, ex-Governor John A. Mead, of the Class of 1864, signified his desire to erect a chapel for the College. His letter of gift said: "I have in mind a dignified and substantial structure in harmony with the other buildings of the College, and expressive of the simplicity and strength of character for which the inhabitants of this valley and the State of Vermont have always been distinguished."

In accordance with this gift the Mead Memorial Chapel was erected in 1915-16. It is a beautiful white marble structure, colonial in design, of the New England meeting-house type, with a rich and impressive interior. The chancel has accommodations for the Faculty and a student choir. The chapel contains a large pipe organ. In the tower is a chime of eleven bells, the gift of ex-Governor and Mrs. Mead.

## THE PORTER HOSPITAL

A GIFT from Mr. William H. Porter for a hospital and infirmary—originally $50,000—has been augmented to $118,000. Plans are already under way. The building will be fireproof and well equipped and appointed in every respect.

## PEARSONS HALL

PEARSONS HALL, a building for women, was opened at the beginning of the college year in 1911. It is located on a commanding height from which views of the Adirondacks and Green Mountains are obtained. The building is of marble, of colonial design, and contains a large social hall, besides single and double living rooms.

## BATTELL COTTAGE

BATTELL COTTAGE, another residence hall for the women, was enlarged in 1910, the addition furnishing the dining hall for the women's residences.

## HILLSIDE COTTAGE

HILLSIDE COTTAGE, constructed in the summer of 1913, is located on the campus of the Women's College, not far from Pearsons Hall and Battell Cottage.

## HILLCREST——LA MAISON FRANÇAISE

HILLCREST, a recently acquired residence for women across the street from Battell Cottage, was enlarged in 1919, and during the present year further additions have

been made to transform it into the Maison Française. (For description see page 59.)

## THE HOMESTEAD

The Home Economics Practice House, known as The Homestead, is a typical New England home the interior of which has been remodelled so that it admirably meets the needs of Home Economics 13-14. It is located one block from the campus.

## MUSIC HOUSE

The college has leased and fitted up, as a home for music students of the Women's College, one of the historic residences of Middlebury, which is known as the Edward J. Phelps House. The purpose of this arrangement is to combine a homelike environment with the broad background favorable to the cultivation of true musical taste.

The price of board and room in each building except in the French House, has been $350 for the current year, payable semi-annually in advance to the Treasurer of the College. Applications for rooms may be made to the Dean of Women, Middlebury College. For rates in the French House see page 95.

## ASSIGNMENT OF ROOMS

Women are assigned rooms in Pearsons Hall, Battell Cottage, or Hillside Cottage, if space is available.

All the rooms in the women's dormitories are furnished with single bed, mattress, study table, chiffo-

nier or dresser, chairs and rugs for each student. All dormitories are heated by steam and lighted by electricity.

In assigning rooms, preference is given to students in College in the order of classes. An assignment of rooms to students in College is made about May first. Incoming students cannot be assigned to particular rooms before August 15. No room can be assigned for a shorter period than one year. All rooms are assigned subject to the regulations of the College as to student residences, and occupants are liable for any damage to their room or its furniture.

Application for a room in a College house together with $5.00 advance payment for room rent should be made to the Dean of Women. No reservations are made without this deposit. This sum will be refunded if the room is not desired, provided notice of withdrawal is given before August 1st.

Room and board in a private house, approved by the College, may be secured by a limited number of students who cannot be accommodated in the college dormitories. Any student who desires to lodge in a private house should consult the Dean of Women before engaging her room.

# EXPENSES AND SELF-HELP

## EXPENSES

THE location of the College favors economy, its charges are small in comparison with the general cost of living, and the expenses of students should not be large. The following table indicates the principal items:

| | |
|---|---|
| Tuition | $150.00 to $200.00* |
| Fee for each extra course | 15.00 |
| Room and board in the Women's buildings | 350.00 |
| Gymnasium and Athletic Fee | 10.00 |
| Graduation Fee (Seniors only) | 11.00 |
| French School (tuition, board and room ) | 550.00 to 600.00† |

The above charges are for the current year, and the College reserves the right to change them, if necessary, to meet actual cost.

In most of the courses in Biology, Chemistry, Drawing and Surveying, Home Economics and Physics, a laboratory fee is charged, as specified in the descriptions of the courses.

The payment of bills, including board and room rent, is required at the opening of each semester, before the student enters upon college work. On registration, a certificate of payment from the Treasurer's office is required.

From $700 to $800 a year should suffice for all expenditures, and by strict economy many students maintain themselves on less.

*$200 for students entering in 1923 and thereafter.
†$600 for students entering in 1923 and thereafter.

## SELF-HELP

For many years Middlebury has been known as a college at which exceptional opportunities are afforded to students who must depend largely upon their own resources in securing an education. Employment by which the student may earn a part of her expenses can frequently be obtained about the College or in the village, although no definite statement can be made before the student has arrived and her capacity and fitness are determined. While the College can promise nothing to untried candidates, it will help in every way possible all who prove themselves capable and willing. Occupations in which students find employment are waiting on table, washing dishes, and house-duty in the dormitories; waiting on table and light housework in the homes of the village; caring for children in the afternoon or evening; typewriting or clerical work in the College offices; tutoring; acting as monitors; singing in the choir, etc. Applications for work should be made at the office of the Dean of Women.

## MEMORIAL LOAN FUND

The College has just received a gift of $3,000 from a friend for a student loan fund, to be known as the "Martha Jewett Nash Loan Fund for Women Students of Middlebury College."

The Fund is at present invested at 5%, the interest and accumulations only to be used for loans. In ten years the amount available for loans should be $1,500, which amount should steadily increase.

## SCHOLARSHIPS

THE College has a generous number of student benefits, many of them given in early years at great self-sacrifice on the part of the donors. The income of these funds is expended exclusively in payment of the tuition, in part, of needy and deserving students of good deportment and application. When the number of students was much smaller, these funds allowed a somewhat more liberal bestowment of beneficiary aid than is now possible. *It is not expected that those whose circumstances admit the full payment of college bills will apply for college assistance.* It is earnestly desired, however, that, where need requires, those who might not otherwise be able to receive a college education will apply for aid from this source. The College has a long record of special encouragement to those who are obliged to secure an education largely through their own efforts. Correspondence concerning scholarships should be directed to the Dean of Women, who will furnish blanks for applications.

Any scholarship may be forfeited at any time during the course through negligence or misconduct. When a student incurs more than one condition in any semester, or when her passing grade has been raised twice in any course, or once in any two courses, in any semester, because of unexcused delinquencies, the scholarship allowance for that semester is thereby forfeited.

If a student who has had the privilege of a scholarship leaves Middlebury to transfer to another institution, she will be required to pay the full amount of back tuition.

Among the student benefits dispensed by the College are the following:

The Emma Willard Scholarship, $2,000, established in 1895 by the Emma Willard Association, for the benefit of deserving young women.

The Joseph Battell Scholarships, $1,000 annually, for young women of Addison County.

The Charles A. Field Scholarship, $300, given to the village of Proctor, Vermont, "as a memorial of regard for Fletcher Dutton Proctor and of gratitude to him, and for courtesies received at the hands of other residents of said village."

The Windham County Congregational Conference Scholarship, $600.

The John A. Howe Scholarships, $3,000, bequeathed by John A. Howe, Esq., Class of 1853; the income first available for his descendants, and then under certain conditions for students from Poultney.

The Jonathan Coleman Southmayd Scholarship Fund, $4,000, established by Hon. Redfield Proctor in 1922, its income first available for students (men or women) from Proctor.

The Agnes Warner Sunderland Fund, $3,000, established by Edwin S. S. Sunderland, Esq., Class of 1911, the income from which is first available for the assistance of students (men or women) from Cornwall.

## STATE SCHOLARSHIPS

The College receives from the State of Vermont an annual appropriation of $7,200 for the payment to the amount of $120 annually of the tuition and incidental college charges of sixty students, one of whom shall be designated and appointed each year by each Senator in the General Assembly, such appointment to be made for two years by such Senator from his respective county, provided any suitable candidate should apply therefor, otherwise from any county in the state.

Any Vermont student desiring to take advantage of a State scholarship should apply to one of the Senators of the county in which she resides, and the Senator may thereupon give her a certificate of appointment for a period of two years. Should the Senators in the applicant's county already have made appointments, the student should immediately apply to the Dean of the Women's College, as there may be a vacancy from some other county of which the applicant may avail herself. Under the present statutes, each Senator may make one appointment each year, and each scholarship is good for two years.

The same regulations as to forfeiture through misconduct and incurring conditions apply to State scholarships as to student benefits owned by the College.

# ADMINISTRATION

## COLLEGE REGULATIONS

THE College places in the hands of each student a pamphlet of regulations containing detailed information as to enrollment, attendance, scholarship, examinations, conditions, and student activities.

## ENROLLMENT

THE college year begins on the Monday indicated in the calendar, the first three days, Monday, Tuesday, and Wednesday, being given to registration and to entrance and condition examinations. All new students are required to enroll at the Registrar's office on one of these days, and on the Thursday, Friday, and Saturday preceding the beginning of the second semester. Members of the Freshman, Sophomore, and Junior classes are required to enroll for the ensuing year at the close of the second semester of the current year on such days as shall be set by the chief adviser for that purpose. A charge of $5 will be made for each enrollment after the days assigned for registration.

## SCHOLARSHIP

THE scholarship of the students is graded on the scale of 100 per cent, as follows:

A, 90-100 per cent; B, 80-89 per cent; C, 70-79 per cent; D, 60-69 per cent; E, below 60 per cent.

Reports of standing are made twice each semester. At the end of the semester notices of failures are sent to both students and parents.

A student may not count toward graduation more than one course below C grade in any semester.

A student with 24 points to her credit at the beginning of the college year, not including credits received in Physical Education, will be ranked as a Sophomore for that year; one with 54 points, a Junior; one with 84 points, a Senior. At the beginning of the second semester a student who is ranked as a Freshman, but who has 39 points, not including credits received in Physical Education, will be advanced to Sophomore rank; one ranked as a Sophomore, with 69 points, to Junior rank; one as a Junior, with 99 points, to Senior rank. Physical Education 1, 2 may not be counted in determining class ranking though counting toward graduation.

Not more than six credits can be attained by an undergraduate at a Summer Session.

## EXAMINATIONS

The work of all courses is completed each semester by written examinations. A student inexcusably absent from an examination will be conditioned. A student unavoidably absent from college at the time set by the Registrar for taking the examination will be given an opportunity immediately upon her return to college or before the beginning of the corresponding semester of the following year. If she fails to meet this requirement, she must repeat the course with the following class if the subject is a required one.

A student whose term mark in any course falls below 50% is excluded from examination and must, if the subject is a required one, repeat it with the following class.

A student will be conditioned whose combined recitation and examination mark at the close of a semester is below 60%, or below her passing grade if that has been raised. No student will be allowed to pass whose examination mark is below 50%.

## CONDITIONS IN COLLEGE WORK

A STUDENT who fails to pass an examination at the close of the first semester, and is thereby conditioned, is given an opportunity to take another examination either on the first day after the Easter recess, or on such one of the first three days of the next college year as shall be determined by the Registrar.

A student who is conditioned at the close of the second semester may take an examination on such one of the first three days of the next college year as shall be determined by the Registrar, or on the first day after the Christmas recess. In order to take such examination, a request must be made to the Registrar one week in advance. A student must take a make-up examination at the time for which she registers, unless excused by the Dean.

No exception will be made save in the following cases:

1. A Senior may take an examination for each deficiency, or condition, incurred during the Senior year, on the Friday preceding Commencement.
2. If the course in which a student has been conditioned is given in the Summer Session, she may remove the condition by taking that course and passing at its close an examination which will be based upon the regular college course and, if possible, be set by the instructor who imposed the condition.

To remove a condition the average of the term mark and the new examination mark combined in the ratio of three to one must reach 60 per cent.

Any student failing to make up a condition as provided for above must repeat the course with the following class if the subject is a required one, even though, from conflict of hours, or any other cause, it necessitates

for her the temporary omission of some of the regular work of her class.

## SPECIAL HONORS

As an incentive to such students as have the ability to do more than should be required of the majority, and to promote and encourage special investigation in the various departments of the curriculum, the Faculty have established a system of honors. These are divided into two classes, Honors and High Honors, and are subject to the following regulations:

1. The candidate must have completed major work in the department in which Honors are sought.

2. Enough more than fifteen hours a week must have been carried in the undergraduate courses to insure to the candidate at graduation a surplus of at least six credits above the credits required for the Bachelor's degree.

3. The requirement of the six extra credits may be met by the fulfillment of work in research or special investigation assigned by the department in which Honors are sought; or by the completion of two C courses in that department, provided that they are of that grade which would be counted for the Master's degree.

4. The attainment of 80 per cent for Honors, or 90 per cent for High Honors, is requisite as an average rank in the courses which have been taken in completing the major work of the department, and also in the special work performed in the attainment of the six extra credits.

5. On the completion of the six extra credits, whether attained in independent investigation or in class-room work, an examination shall be given covering as much of the work of the department which the candidate has taken as shall be deemed necessary, and, at the discretion of the instructor, a thesis may be assigned.

6. If the additional six credits for an Honor be pursued in class-room courses, these courses must be taken in accordance with the rules regarding extra hours.

7. Credits for Honors may be counted later toward the Master's degree.

These honors will be printed on the Commencement programme and in the next annual Catalogue, and will be certified to, when requested, by a written certificate from the President and the professor of the department, stating the nature and quality of the extra work done.

The degrees of A.B. and B.S. are conferred *cum laude* upon those who have attained an average rank, for the entire course, of 85 to 90 per cent; *magna cum laude* if that rank is 90 to 95 per cent; *summa cum laude* if it is 95 per cent or above.

## HONORARY APPOINTMENTS

The Faculty, under the direction of the Corporation, give the honorary Commencement appointments in college; to the woman attaining highest rank, the appointment of Valedictorian, and to the second in rank, the appointment of Salutatorian.

## PHI BETA KAPPA

The Middlebury Chapter of the Phi Beta Kappa Society is the Beta of Vermont. Those of the first one-fifth of each graduating class, who have attained an average rank of 87½ per cent for the first seven semesters of the college course, are eligible for election to membership.

## PRIZES

THE DEACON BOARDMAN PEACE PRIZE. Established in memory of Samuel Ward Boardman (1789-1870). An annual prize of $30 to the member of the Junior class submitting the best essay in favor of peace, and in opposition to war as a method for settling international differences. The essay must be creditable as a literary composition and consist of at least 2,000 words.

THE LATIN PRIZES. In the Latin Department, recognition is made of excellence in the work of the second semester of the Sophomore year, including the preparation of a note-book exhibiting the debt of English poetry to Horace, by a first prize of $10, and second and third prizes of photographs of classic art.

THE KELLOGG LATIN-ENGLISH PRIZE. Established by gift of Prof. Brainerd Kellogg, LL.D., Litt.D., of the class of 1858, Trustee, "to encourage Latin and English." The income from $500 awarded annually to the two best papers in Horace.

## GRADUATE WORK

MIDDLEBURY COLLEGE provides courses in many departments for students desiring to pursue a Master's degree. Correspondence should be directed to Professor P. Conant Voter, Chairman of the Committee on Graduate Work.

The degrees of Master of Arts and of Master of Science may be attained by graduate work completed during the regular college year, or at the Summer Sessions, in accordance with the following regulations:

1. The candidate must have a baccalaureate degree from this College, or from another institution whose course of study and requirements for graduation are approved by the Committee on Graduate Work.

2. Candidates should register during the first week of either semester, or during the first week of the Summer Session. A renewal of all existing registrations must be made at the beginning of each college year.

3. To obtain the degree of Master of Arts, or of Master of Science, one full year in residence (September to June), and the completion of work equivalent to ten courses of three credits each will be necessary. This requirement of residence may also be met by an attendance on the Summer Sessions. Not more than eight credits may be secured at a single Summer Session; and not more than six credits in an European Section of the Summer Session.

4. To obtain either of the advanced degrees, twenty out of the required thirty points must be obtained at Middlebury College.

5. Candidates for either degree shall present to the Committee on Graduate Work for its approval, a brief outline of the course of study intended, with the written approval of the instructors with whom the work is undertaken.

6. The major work of the candidate must be undertaken in some department, in which there have been completed undergraduate courses of study of such advanced grade as to satisfy the department of her fitness to enter upon graduate work.

7. One-half of the work (namely, fifteen semester hours, or, at the discretion of the instructor, twenty semester hours), must consist of specially assigned graduate studies and investigations, prescribed by the department in which the major work is undertaken; the remaining half may be pursued in undergraduate courses of C grade recommended by the department in which the major work is taken, and approved by the Committee on Graduate Work. A minimum grade of 80 per cent shall be maintained in all of the courses counting toward the degree.

8. Graduates of Middlebury College who have to their credit work done in undergraduate years, and not counted toward a baccalaureate degree, may count fifteen such credits toward an advanced degree, subject, however, to the provision made for undergraduate courses in Section 7.

9. No credits counted in conferring a first degree at Middlebury College, or elsewhere, shall be accepted for a second degree.

10. The work must be completed within five years after the first registration, unless this period is extended by vote of the Faculty.

11. Besides the regular examinations, the candidate must be examined in the subject chosen for the major study, and, at the discretion of the instructor under whose direction this work is done, may be required to present a thesis.

12. The degree shall be conferred either at the Commencement or at the Summer Session following the completion of the work.

13. The regular tuition fees for undergraduate work are charged. An additional fee of $15 is required for the final examination and the diploma.

## THE GENERAL CATALOGUE

Copies of the 1915 General Catalogue of Middlebury College are still available. An immense amount of painstaking care went into the preparation of this work. The biographical records since 1900 are entirely new, and those of earlier classes, back to the very beginning of the College, have been brought to date and supplemented wherever possible. The price of the Catalogue, bound in a dark blue cloth uniform with the 1900 edition, is $1.00, postpaid. Orders should be sent to Editor of College Publications, Room 15, Middle Painter, Middlebury, Vt.

## THE ASSOCIATED ALUMNI

THE officers and committees of the Associated Alumni of the College are: President, S. H. Lane, '05; Vice-Presidents, J. E. Parker, '01, R. F. Hunt, '10, R. P. Dale, '11; Secretary and Treasurer, D. L. Robinson, '03; Central Committee, E. J. Wiley, '13, H. L. Cushman, '07, E. S. Kalin, '23; Necrological Committee, S. S. Eddy, '94, P. E. Mellen, '04, V. C. Harrington, '91.

## ALUMNI AND ALUMNAE ASSOCIATIONS

The officers of the New York Association are: President, Rev. G. W. White, '01; Secretary, J. P. Kasper, '20; Executive Committee, F. P. Lang, '17, C. S. Jones, '15, W. S. Huntley, Jr., '16.

THE officers of the Boston Association are: President, F. A. Hebard, '19; Vice-President, Mrs. Effie S. Ladd, '06; Secretary and Treasurer, L. F. Jackson, '20; Executive Committee, S. L. Abbott, '05, Mrs. Nellie H. Simmons, '01, Mrs. Anne M. Tarr, '06.

THE officers of the Western Massachusetts Association are: E. J. Ryan, '12, President and General Manager.

THE officers of the Alumnae Association are: President, Miss Carmen Walker, '11; Vice-President, Mrs. Marguerite Dyer Bosworth, '19; Secretary and Treasurer Miss Frances Warner, '05; Executive Committee, Mrs. Elizabeth Bowles Harrington, '02, Miss Julia Carter, '13.

THE officers of the Worcester County, (Mass.) Alumnae Club are: President, Miss Grace M. Ellis, '12; Secretary, Miss Mary E. Guerin, '14; Treasurer, Mrs. Ra-

chel P. Phinney, '12; Executive Council, Mrs. Luella W. Dunn, '98, Mrs. James Lobban, '98, Miss Pauline Smith, '06.

THE officers of the Connecticut Alumni Association are: President, E. C. Hadley, '10; Secretary and Treasurer, Mrs. D. W. Williams, '12; Executive Committee, E. R. Holden, '18, Miss Margaret Croft, '12, Miss Helen Haugh, '14.

THE officers of the Washington (D. C.) Alumni Association are: President, G. R. Wales, '87; Vice-President, Mrs. Martha M. Miller, '10; Secretary and Treasurer, F. J. Bailey, '01.

THE officers of the New Hampshire Association are: President, H. F. Lake, '99; Secretary and Treasurer, Miss Fannie Lincoln, '20.

THE officers of the Ohio Association are: President, L. R. Brown, '01; Secretary and Treasurer, Esther E. Boyce, '13.

THE officers of the Chicago Association are: President, R. F. Hunt, '10; Vice-President, D. M. Shewbrooks, '09; Treasurer, W. E. B. Barnes, '11; Secretary, H. S. Thomas, '20.

## NEEDS OF THE COLLEGE

THE most urgent need is additional endowment for professors' salaries. The General Education Board has pledged $250,000 for this purpose on condition that $750,000 additional be secured.

In addition to funds for salaries, the officers of the General Education Board have recommended the erection of buildings and additions to endowment as shown in the following summary taken from their report to the Trustees:

| | *Minimum* | *Maximum* | |
|---|---|---|---|
| For the Present Enrollment: | | | |
| Recitation Hall | $125,000 | $150,000 | |
| Administration Building | 25,000 | 60,000 | |
| Women's Educational Building | | 75,000 | |
| Gymnasium for Women | | 75,000 | $ 360,000 |
| For Increased Enrollment | | | |
| Residence Hall for Women | 75,000 | 100,000 | |
| Dining Hall for Women | | 75,000 | |
| Residence Halls for Men: | | | |
| Repairs | | 20,000 | |
| New Hall | 125,000 | 150,000 | 345,000 |
| Total for Plant | | | $ 705,000 |
| Endowment: For up-keep of new buildings | | | 100,000 |
| For new teachers (present enrollment) | | | 300,000 |
| For new teachers (increased enrollment) | | | 400,000 |
| | | | $ 800,000 |
| Total Suggested Sum Needed | | | $1,505,000 |

## FORMS FOR BEQUESTS

THE corporate title of Middlebury College is "The President and Fellows of Middlebury College."

The following forms are suggested:

I give and bequeath to "The President and Fellows of Middlebury College," a corporation of the State of Vermont, the sum of ———— dollars, to be used by the Trustees of said College for such purposes and in such manner as they shall deem appropriate.

I give and bequeath to "The President and Fellows of Middlebury College," a corporation of the State of Vermont, the sum of ——— dollars, to be invested by the Trustees of said College, and the income thereof to be applied to the uses of said College in accordance with the terms of its charter.

# DEGREES CONFERRED IN 1923

## HONORARY DEGREES

### Doctor of Divinity

Arthur Wentworth Hewitt — Frederick Bates Richards

### Doctor of Laws

Arthur Lee Janes — Redfield Proctor

### Master of Arts

Herbert Alva Hinman

## DEGREES IN COURSE

WITH COMMENCEMENT APPOINTMENTS

### Master of Arts

Helen Atwood, Goucher College
Florence Seegar Avery, Ohio Wesleyan University
Helen Josephine Brown, Vassar College
Edna Frances Currier, Mount Holyoke College
Sally Freeman Dawes, Radcliffe College
Marion Alice Dean, '18
Mary Adelle Evans, Temple University
Ruth Avaline Hesselgrave, '18
Beatrice Shaw McGill, Vassar College
Alice May Ober, Smith College
Alice Evelyn Radford, University of Chicago
Alice Anne Ryan, '21

### Master of Science

Mildred Evelyn Jenkins, '22
Elsie Sophia Scott, '22

### Bachelor of Arts

Lulu Helen Abel[11]†
Matilda Fannie Axton†
Elsie Josephine Barrell[2]
Beatrice Williams Benedict[3]
Helen Iva Benedict
Pearl Elizabeth Blackburn¶†

Helen Elizabeth Bolton[12]
Martha Harriette Bolton[2]
Dorothy Ellen Brainerd
Marion Charlotte Buffum
Mary Frances Caswell†
Mary Priscilla Chase†
Florence Gregg Clarke
Madelene Hayward Fletcher
Esther Frost[3]
Mary Katherine Gahagan
Margaret Elizabeth Graham
Emily Pond Hobbs
Eveline Roberts Houghton
Elizabeth McDowell Jacobs†[3 4]
Mildred Barbara Kienle‡[2]¶
Daisy Clarke Kimball
Esther Margaret Langwill†[4]¶
Margaret Elizabeth Lee[3]
Alice Buck Littlefield†[5]
Muriel Minturn Long†[5]¶
Mary Ellen Loughrey‡‖[4]¶
Agnes Marguerite Loukes†[3]
Cecilia Agnes McDonough
Reba Veronica Maxfield†[8]¶
Dorothy Florence Newton‡¶
Dorothy Mitta Parsons†[12]
Margaret Perry Porter
Hazel Oliver Proctor
Grace Louise Provencher†[3]¶
Grace Katharine Regan†
Beulah Mary Scott‡[2 7]¶
Edith Putnam Sibley
Dorothy Belle Slayton[9]
Barbara Stilphen[6]
Lillian Myrtle Taylor†[2]¶
Gladys Rosebell Thompson‡[2]¶
Ethelinda Tucker
Helen Caroline Warren
Edith Rosalind Webster
Myrtle Gertrude Weller†
Aura Dickinson Wells†
Mary Elizabeth Williams[6]
Ruth Etta Wright†[10]
Florence Letetia Yates

## Bachelor of Science

Barbara Taber Browning
Elsie Lois Campbell
Vie Sylvia Dole‡§[1]¶
Harriet Fitch Fillmore
Merna Grace Hicks†[5]
Helen Louise McNulty[5]
Mildred Harriette Parkhill
Helen Clark Prageman
Marion Chaffee Prince
Catherine Emma Robbins
Evelyn Blanche Ryle
Mildred Grace Stewart†
Charlotte Mae Thorpe
Marian Warren Travis
Marion Lucile Turner†¶
Edith Margaret Weller†

‖Valedictory Honors
§Salutatory Honors
‡Degree conferred *magna cum laude*
†Degree conferred *cum laude*
¶Phi Beta Kappa
[1]High Honors in Chemistry
[2]High Honors in English
[3]Honors in English
[4]High Honors in French
[5]High Honors in Home Economics
[6]Honors in Home Economics
[7]High Honors in Latin
[8]Honors in Latin
[9]Honors in Music
[10]Honors in Political Science
[11]High Honors in Spanish
[12]Honors in Spanish

# PRIZES AWARDED

## PRIZES IN HORACE

| | |
|---|---|
| *First Prize* | Isobel Christina Sutherland |
| *Second Prize* | Christina Frances Tasker |
| *Third Prize* | Helen Rose Miller |
| *Fourth Prize* | Ruth Mary Collins |

## KELLOGG LATIN-ENGLISH PRIZES

| | |
|---|---|
| *First Prize* | Mary Isabell Marshall |
| *Second Prize* | Harry Goddard Owen |

# STUDENTS

(The letter *a* after the name of a student indicates that she is a candidate for the degree of Bachelor of Arts; the letter *s*, that she is a candidate for the degree of Bachelor of Science.)

## GRADUATE STUDENTS

| | | |
|---|---|---|
| Martha Harriette Bolton | *Troy, N. Y.* | 117 Main St. |
| Elizabeth Marguerite Conlon | *Middlebury* | Middlebury,R.F.D. |
| Josephine Hardy | *Winterport, Me.* | Maison Française |
| Alice Taylor Hill | *Brooklyn, N. Y.* | 13 College St. |

## SENIORS: CLASS OF 1924

| | | | |
|---|---|---|---|
| Adaline Frances Angier | *a* | *Walpole, N. H.* | 12 Pearsons Hall |
| Martha Eliza Baldwin | *s* | *N. Stratford, N. H.* | 20 Pearsons Hall |
| Helen Everett Barksdale | *a* | *Sherborn, Mass.* | 23 Pearsons Hall |
| Emma Ruth Belcher | *s* | *Hardwick, Mass.* | Maison Française |
| Jessie Jean Bennett | *s* | *Manchester* | 31 Pearsons Hall |
| Marian Louise Billings | *a* | *Walpole, Mass.* | 2 Pearsons Hall |
| Florence Lillian Bolger | *a* | *Springfield, Mass.* | Music Home |
| Margaret Pelton Brown | *a* | *Enosburg Falls* | 10 Pearsons Hall |
| Helen Gertrude Cleveland | *a* | *Greenwich, N. Y.* | 36 Pearsons Hall |
| Barbara Allerton Conant | *a* | *St. Johnsbury* | 12 Pearsons Hall |
| Ruth Cooley Cowles | *s* | *Hartford, Ct.* | 33 Pearsons Hall |
| Marjorie Emily Currier | *s* | *Danville* | 20 Pearsons Hall |
| Minnie Amelia Cushman | *a* | *Lincoln* | Maison Française |
| Lillian Helen Dirks | *a* | *Portsmouth, N. H.* | Maison Française |
| Ruth Eddy | *a* | *Middlebury* | 34 Weybridge St. |
| Helen Rosella Field | *a* | *Greenfield, Mass.* | 27 Pearsons Hall |
| Norma Winifred Foster | *a* | *Greenfield, Mass.* | 26 Pearsons Hall |
| Carolyn Julia Griffith | *a* | *Danby* | 30 Pearsons Hall |
| Margaret Bradley Harriman | *a* | *Middlebury* | 34 Pearsons Hall |
| Viola Lowessa Holt | *s* | *Rochester* | 21 Pearsons Hall |
| Marjorie Eloise Howard | *a* | *Middlebury* | 55 Seminary St. |
| Amy May Hunt | *a* | *Bellows Falls* | 24 Pearsons Hall |
| Marion Jeannette Janes | *s* | *Worcester, Mass.* | 25 Pearsons Hall |
| Marjory Luella Johnson | *s* | *Batavia, N. Y.* | 36 Pearsons Hall |
| Edith Temple Jones | *a* | *Fair Haven* | Maison Française |
| Margaret Barbara Keir | *s* | *Whitefield, N. H.* | 22 Pearsons Hall |
| Kathleen Frances Kirby | *a* | *Fall River, Mass.* | 30 Pearsons Hall |
| Lillian Vianna Knight | *s* | *Torrington, Ct.* | Maison Française |
| Helen Gertrude LaForce | *s* | *Schenectady, N. Y.* | 2 Pearsons Hall |
| Helen Margaret Leeney | *a* | *Waterbury, Ct.* | 9 Pearsons Hall |
| Helen Crawford Lingham | *a* | *Littleton, Mass.* | 10 Pearsons Hall |
| Helen Esther Littlejohn | *a* | *Waterbury, Ct.* | 35 Pearsons Hall |

| | | | |
|---|---|---|---|
| Margaret Julie Mahoney | *a* | *Worcester, Mass.* | 9 Pearsons Hall |
| Janice Meredith Mead | *s* | *W. Rutland* | 4 Pearsons Hall |
| Madge Lillian Merritt | *a* | *Hyde Park* | 31 Pearsons Hall |
| Beatrice Annette Mills | *s* | *Middlebury* | 5 Storrs Ave. |
| Mildred Frances Monroe | *a* | *Bristol* | 10 Battell Cottage |
| Muriel Morey | *s* | *Miami, Fla.* | 2 Pearsons Hall |
| Mary Moulton | *a* | *Cambridge, Mass.* | 13 College St. |
| Ruth Gardner Nelson | *a* | *Granville, N. Y.* | Maison Française |
| Adeline Florence Newman | *s* | *Bethel* | 32 Pearsons Hall |
| Florence Noble | *a* | *Middlebury* | The Heights |
| Erminie Lucile Ostiguy | *a* | *Rutland* | Maison Française |
| Marion Elizabeth Pellett | *a* | *Marlboro, Mass.* | 29 Pearsons Hall |
| Velma Pilling | *a* | *Providence, R. I.* | Maison Française |
| Sadie Ruth Posner | *a* | *Waterbury, Ct.* | 38 Pearsons Hall |
| Marion Louise Potts | *a* | *Howe's Cave, N. Y.* | 29 Pearsons Hall |
| Ruth Elizabeth Quigley | *a* | *Rutland* | 25 Pearsons Hall |
| Sylvia Anne Riffelmacher | *s* | *Springfield, Mass.* | Maison Française |
| Edith Mae Sirica | *a* | *Waterbury, Ct.* | 38 Pearsons Hall |
| Emily Louise Sisson | *s* | *Schaghticoke, N. Y.* | 28 Pearsons Hall |
| Frances Charlotte Smith | *a* | *Fair Haven* | 28 Pearsons Hall |
| Margaret Louise Stearns | *a* | *Conway, Mass.* | 13 Battell Cottage |
| Dorothy Victoria Taylor | *s* | *Shelburne Falls, Mass.* | 26 Pearsons Hall |
| Helen Aravilla Taylor | *a* | *Waterbury, Ct.* | Maison Française |
| Edris Hope Thayer | *s* | *Bellows Falls* | 24 Pearsons Hall |
| Margaret Mary Tomasi | *a* | *Barre* | Maison Française |
| Doris Katherine Upton | *a* | *Fitchburg, Mass.* | 11 Pearsons Hall |
| Edna Patricia Volin | *a* | *Pittsfield, Mass.* | 21 Pearsons Hall |
| Wilma Louise Walsh | *s* | *Dorset* | Maison Française |
| Olive Arlene Walters | *a* | *Rutland* | Maison Française |
| Marion Elizabeth Welcome | *s* | *W. Chesterfield, N. H.* | 22 Pearsons Hall |
| Anna Elizabeth Wilkinson | *a* | *Rutland* | 27 Pearsons Hall |
| Geraldine Catharine Wimmett | *a* | *Middlebury* | 30 South St. |
| Viola Alice Wood | *s* | *Wells* | 39 Pearsons Hall |
| Marion Luella Young | *s* | *Norwich, Ct.* | Eddy House |

## JUNIORS: CLASS OF 1925

| | | | |
|---|---|---|---|
| Sarah Watson Bailey | *s* | *Mechanicville, N. Y.* | 40 Pearsons Hall |
| Louise Emeroy Barnard | *s* | *Altamont, N. Y.* | The Homestead |
| Olivet Minerva Beckwith | *a* | *Unionville, Ct.* | 14 Battell Cottage |
| Iva Louise Brooks | *a* | *Pike, N. H.* | 6 Weybridge St. |
| Rosa Ravì Brooks | *a* | *Elkton, Ky.* | Maison Française |
| Mary Broomell | *a* | *Chicago, Ill.* | Hillside Cottage |
| Cecile Mary Burns | *a* | *Middlebury* | 58 N. Pleasant St. |
| Dorrisica Banks Caswell | *s* | *Manchester, N. H.* | 19 Battell Cottage |
| Doris Elizabeth Chase | *s* | *Rumford, R. I.* | 25 College St. |
| Mildred Elvira Clark | *s* | *Pittsfield, Mass.* | The Homestead |
| Ruth Mary Collins | *a* | *Middlebury* | Maison Française |

| | | | |
|---|---|---|---|
| Ruth Avis Dodge | a | *Pawlet* | Maison Française |
| Marjorie Benson Eames | s | *Newfane* | 16 Battell Cottage |
| Doris Marcia Eddy | a | *Newport Ctr.* | 46 Pearsons Hall |
| Louise Harriet Elmer | a | *Addison* | 45 Pearsons Hall |
| Beryle Clements Gaylor | s | *Cliftondale, Mass.* | Music Home |
| Aldura Hatch | a | *Salt Lake City, Utah* | 4 Pearsons Hall |
| Grace Tupper Hathaway | a | *Middlebury* | 135 So. Main St. |
| Sara Rosalind Higgins | a | *Conway, Mass.* | 22 Battell Cottage |
| Lois Sarah Hodge | s | *Roxbury, Ct.* | 17 Battell Cottage |
| Marion Ethel Holcomb | s | *Bridport* | 15 Weybridge St. |
| Eunice Logan Hutchison | a | *Rochester, N. Y.* | 11 Pearsons Hall |
| Dorothy Barker Johnson | a | *Newburyport, Mass.* | 8 Battell Cottage |
| Agnes Blair Mackay | s | *Peacham* | 44 Pearsons Hall |
| Helen Rose Miller | a | *Brattleboro* | 19 Weybridge St. |
| Katharine Mix | s | *Worcester, Mass.* | 48 Pearsons Hall |
| Lucy Corinne Newman | s | *Bethel* | 32 Pearsons Hall |
| Helen Claghorn Newton | s | *Wallingford* | Hillside Cottage |
| Margaret Peck | a | *Rutland* | 48 Pearsons Hall |
| Marian Elizabeth Peterson | a | *N. Craftsbury* | The Homestead |
| Evelyn Stevens Plumley | a | *Northfield* | Hillside Cottage |
| Edith Lillian Ranquist | a | *Concord, N. H.* | 21 Battell Cottage |
| Dorothy Elizabeth Reed | s | *Collinsville, Ct.* | 39 Pearsons Hall |
| Florence Elizabeth Reed | a | *Kingston, N. H.* | 35 Pearsons Hall |
| Dorothy Gage Saltmarsh | a | *Suncook, N. H.* | Maison Française |
| Alice Priscilla Sargent | a | *Richmond* | Hillside Cottage |
| Esther Virginia Sargent | a | *Cabot* | Music Home |
| Verna Louise Scott | s | *Port Chester, N. Y.* | Hillside Cottage |
| Helen Sheldon | a | *Sharon, Mass.* | 47 Pearsons Hall |
| Katharine Simonds | s | *Holden, Mass.* | 45 Pearsons Hall |
| Esther Margaret Spooner | a | *Great Neck, L. I.* | Music Home |
| Eleanor Margaret Sprague | s | *Winter Park, Fla.* | 34 Pearsons Hall |
| Sara Huldah Sterns | s | *Middlebury* | 6 High St. |
| Beatrice Christina Stevens | a | *Newburyport, Mass.* | Maison Française |
| Katherine Frances Stockwell | a | *Brattleboro* | Maison Française |
| Isobel Christina Sutherland | a | *Northfield, Mass.* | 40 Pearsons Hall |
| Christina Frances Tasker | a | *Wakefield, Mass.* | Hillside Cottage |
| Ruth Evelyn Taylor | a | *Windsor* | The Homestead |
| Georgia Blair Thornton | a | *W. Barnet* | 1 Battell Cottage |
| Dorothy Maude Tillapaugh | a | *Torrington, Ct.* | 8 Battell Cottage |
| Ruth Tuthill | a | *Lowell, Mass.* | 44 Pearsons Hall |
| Lelia May Wallace | a | *Waterbury* | 46 Pearsons Hall |
| Mary Arnold Weatherhead | s | *Lee, Mass.* | 41 Pearsons Hall |
| Ruth Elizabeth Whitney | a | *Springfield* | Hillside Cottage |
| Marjorie Elizabeth Winter | a | *New London, Ct.* | Maison Française |
| Marion Miner Wolcott | a | *Amherst, Mass.* | Maison Française |
| Dorothy Janette Woolsey | a | *LivingstonManor,N.Y.* | Hillside Cottage |
| Edith Marian Young | a | *Granville, N. Y.* | 6 Weybridge St. |

## SOPHOMORES: CLASS OF 1926

| | | | |
|---|---|---|---|
| Hazel Alice Abbott | *a* | *W. Danville* | Park Lodge |
| Katherine Abel | *s* | *Seymour, Ct.* | A Pearsons Hall |
| Rachel Peirson Barnes | *s* | *Richmond, Mass.* | C Pearsons Hall |
| Ethel Louise Beaumont | *a* | *Waterbury, Ct.* | Maison Française |
| Marie Dorothee Bellerose | *a* | *Rutland* | Maison Française |
| Mabel Richards Benedict | *a* | *Chatham, N. J.* | Music Home |
| Dorothea May Bliss | *a* | *Jersey City, N. J.* | Eddy House |
| Blanche Noel Blood | *s* | *Topsham* | 18 Battell Cottage |
| Frances Adeline Bristol | *a* | *Middlebury* | 56 Court St. |
| Esther Eastman Brown | *s* | *Worcester, Mass.* | 37 Pearsons Hall |
| Ruth Cadmus | *s* | *New York, N. Y.* | Music Home |
| Helen Roberts Church | *a* | *E. Shoreham* | 5 Franklin St. |
| Bernice Louise Clark | *s* | *E. Hartford, Ct.* | Maison Française |
| Miriam Gertrude Colby | *a* | *Danville, N. H.* | Jewett-Wilcox H'se |
| Lilah Ruth Cushman | *a* | *Lincoln* | 19 Weybridge St. |
| Eva Alberta DeCoster | *s* | *New York, N. Y.* | 47 Pearsons Hall |
| Margaret LuVanne Doty | *a* | *Newburgh, N. Y.* | Music Home |
| Madeleine Boright Dunn | *a* | *Swanton* | Eddy House |
| Helen May Dunz | *s* | *Cohoes, N. Y.* | Eddy House |
| Mary Helen Durick | *a* | *Fair Haven* | Jewett-Wilcox H'se |
| Ione Pearle Fellows | *a* | *Derby* | 4 Battell Cottage |
| Margaret Anne Forbes | *a* | *Nashua, N. H.* | B Pearsons Hall |
| Eleanor Frost | *s* | *Amherst, Mass.* | D Pearsons Hall |
| Lucia Goldthorp | *s* | *Yonkers, N. Y.* | 7 Battell Cottage |
| Elizabeth Upham Goodale | *a* | *Bethel* | The Homestead |
| Mildred Goss | *a* | *Barnet* | 19 Park Lodge |
| Frances Merinda Harder | *a* | *Lake Katrine, N. Y.* | 11 Battell Cottage |
| Dorothy Alice Haynes | *a* | *Hardwick* | 23 Battell Cottage |
| Doris Ellen Houston | *a* | *Waterbury* | 24 Park Lodge |
| Doris Emily Howard | *a* | *Piermont, N. H.* | 9 Battell Cottage |
| Elizabeth Annie Howard | *a* | *E. Northfield, Mass.* | Maison Française |
| Hazel Louise Hughes | *a* | *Fair Haven* | Jewett-Wilcox H'se |
| Elsie Charlotta Hummel | *s* | *Seymour, Ct.* | Eddy House |
| Ruth Margaret Jackson | *a* | *Passaic, N. J.* | 9 Battell Cottage |
| Elizabeth Kelley | *a* | *Reading, Mass.* | Jewett-Wilcox H'se |
| Marion Esther Laughton | *a* | *Putney* | A Pearsons Hall |
| Helen Irene Lindquist | *s* | *Worcester, Mass.* | Music Home |
| Lucy Howes MacDonald | *a* | *Reading, Mass.* | Jewett-Wilcox H'se |
| Catherine Matthews | *a* | *Rutland* | Jewett-Wilcox H'se |
| Ruth Evelyn Mehuron | *a* | *Waitsfield* | Eddy House |
| Harriett Caroline Miner | *a* | *Pownal* | 22 Park Lodge |
| Esther Franc Montgomery | *a* | *N. Adams, Mass.* | Music Home |
| Mary Christine Moore | *a* | *Canastota, N. Y.* | 2 Battell Cottage |
| Viola Sarah Harriet Palmer | *a* | *Rutland* | Jewett-Wilcox H'se |
| Clara Emeline Park | *s* | *Colchester, Ct.* | 17 Park Lodge |
| Ruth Piper | *a* | *Laconia, N. H.* | Jewett-Wilcox H'se |
| Margaret Ellen Prentice | *a* | *Winchester, N. H.* | 24 Battell Cottage |
| Lydia Juanita Pritchard | *a* | *Fall River, Mass.* | The Homestead |

| | | | |
|---|---|---|---|
| Charlotte Raymond | *a* | *Fair Haven* | Maison Française |
| Katharine Martica Saunders | *a* | *Middlebury* | 27 Pleasant St. |
| Dorothy Lucile Simonds | *a* | *Gardner, Mass.* | 2 Battell Cottage |
| Annie Smith | *a* | *Worcester, Mass.* | Jewett-Wilcox H'se |
| Florence May Smith | *s* | *Plattsburg, N. Y.* | 12 Battell Cottage |
| Margaret Pettit Sturtevant | *a* | *Florence, N. J.* | Hillside Cottage |
| Ruth Gibson Sturtevant | *a* | *Florence, N. J.* | Hillside Cottage |
| Marion Beulah Swift | *s* | *N. Hatfield, Mass.* | Eddy House |
| Mabel Towne Thornley | *a* | *E. Providence, R. I.* | Hillside Cottage |
| Eunice Vera Tower | *a* | *Rutland* | 4 Battell Cottage |
| Helen Anderson White | *a* | *Amherst, Mass.* | D Pearsons Hall |
| Mildred Isabelle Williams | *a* | *Littleton, N. H.* | Music Home |
| Ada Winchester | *s* | *Rutland* | 23 Battell Cottage |
| Helen Ames Woodworth | *a* | *Brattleboro* | Jewett-Wilcox H'se |
| Constance Wright | *a* | *Tenafly, N. J.* | Eddy House |

## FRESHMEN: CLASS OF 1927

| | | | |
|---|---|---|---|
| Elizabeth Adams | *s* | *Dalton, Mass.* | Eddy House |
| Laura Marie Anderson | *a* | *Proctor* | Eddy House |
| Julia Belle Austin | *a* | *Middlebury* | 40 Seminary St. |
| Rosalba Reba Avitabile | *s* | *Waterbury, Ct.* | 15 Battell Cottage |
| Mary Alice Barker | *a* | *St. Albans* | 11 Park Lodge |
| Lora Margaret Batchelder | *s* | *Easthampton, Mass.* | 22 Hillside Cottage |
| Elizabeth Electa Bean | *a* | *Westminster* | Eddy House |
| Marjorie Anna Billings | *a* | *Ripton* | 18 Court St. |
| Mary Dean Birdsall | *a* | *Mt. Kisco, N. Y.* | 14 Park Lodge |
| Ramona Adelaide Brown | *a* | *Greenfield, Mass.* | Eddy House |
| Helen Ruth Cole | *a* | *Barre* | Eddy House |
| Cleone Comings | *a* | *Richford* | 3 Shannon St. |
| Marion Louise Cooley | *a* | *Waterbury* | Jewett-Wilcox H'se |
| Jessie Louise Covert | *s* | *Newburgh, N. Y.* | 31 Park Lodge |
| Louise May Covey | *a* | *Katonah, N. Y.* | 12 Park Lodge |
| Dorothy Louise Cox | *a* | *Amesbury, Mass.* | 121 So. Main St. |
| Pauline Mildred Cross | *a* | *Worcester, Mass.* | Hillside Cottage |
| Anna May Daniels | *s* | *Randolph* | 15 Park Lodge |
| Mabel Dawson | *s* | *Needham H'g'ts, Mass.* | 121 So. Main St. |
| Miriam Helen Deedman | *a* | *New Rochelle, N. Y.* | 3 Shannon St. |
| Madolyn Adelaide Derrick | *a* | *Natick, Mass.* | 27 Park Lodge |
| Gunhild Augusta Elfstrom | *a* | *Worcester, Mass.* | 8 Franklin St. |
| Helen Sarah Ellsworth | *s* | *W. Hartford, Ct.* | 18 Park Lodge |
| Ruby Daisy Elwell | *a* | *Bennington* | 21 Park Lodge |
| Elizabeth Ferguson | *a* | *Wallingford* | 26 Park Lodge |
| Frances Mary Frost | *a* | *St. Albans* | 3 Shannon St. |
| Marion Louise Glynn | *a* | *Amherst, Mass.* | 30 Park Lodge |
| Martha Elizabeth Gordon | *a* | *Woodhaven, L. I.* | 14 Park Lodge |
| Agnes Irene Goss | *a* | *W. Danville* | 11 Weybridge St. |
| Geraldine Elizabeth Graham | *s* | *Island Pond* | 8 Franklin St. |

| | | | |
|---|---|---|---|
| Lilian Edna Graham | *a* | *St. Albans* | Hillside Cottage |
| Elizabeth Persis Hack | *s* | *Mechanicville, N. Y.* | 120 So. Main St. |
| Thelma Elizabeth Hazelton | *s* | *Fair Haven* | Eddy House |
| Gertrude Leona Hitt | *a* | *Wells* | 8 Franklin St. |
| Beulah Elizabeth Howard | *a* | *Middlebury* | 55 Seminary St. |
| Ruth Lillian Howland | *a* | *Worcester, Mass.* | 121 So. Main St. |
| Eleanor May Jackson | *s* | *Torrington, Ct.* | The Homestead |
| Ruth Stella Jones | *a* | *Worcester, Mass.* | 121 So. Main St. |
| Anna Gordon Lewis | *s* | *East Orange, N. J.* | Hillside Cottage |
| Catherine Mary McHugh | *a* | *Weybridge* | Middlebury,R.F.D. |
| Mary Kathleen Maloney | *a* | *Hyde Park* | 20 Park Lodge |
| Eleanor Esther Manley | *a* | *Brattleboro* | The Homestead |
| Jennie Marie Marchiano | *a* | *Mt. Kisco, N. Y.* | The Homestead |
| Edith Louise Markwell | *s* | *Pleasantville, N. Y.* | 30 Park Lodge |
| Helen Matthews | *s* | *Rutland* | Jewett-Wilcox H'se |
| Elga Mary Maxfield | *a* | *Brandon* | 6 Battell Cottage |
| Eva Anne Menotti | *a* | *Waterbury, Ct.* | The Homestead |
| Marion Euphemia Morgan | *a* | *Bristol* | Eddy House |
| Margery Onnolee Ohart | *a* | *Depew, N. Y.* | 29 Park Lodge |
| Harriet Maynard Parker | *a* | *Dalton, Mass.* | Eddy House |
| Rachel Elizabeth Poole | *s* | *Fall River, Mass.* | 8 Franklin St. |
| Katie Roberts | *a* | *Fair Haven* | 20 South St. |
| Ellen Rowley | *a* | *Richford* | 121 So. Main St. |
| Margaret Lenore Sedgwick | *a* | *Passaic, N. J.* | 11 College St. |
| Ruth Elaine Sibley | *a* | *Moriah, N. Y.* | 11 College St. |
| Elinor Allen Smith | *s* | *W. Hartford, Ct.* | 18 Park Lodge |
| Hilda Elizabeth Smith | *a* | *Bayport, L. I.* | 11 College St. |
| Rhoda Brock Southall | *a* | *Bennington* | 21 Park Lodge |
| Rachel Louise Spear | *a* | *Barre* | 16 Park Lodge |
| Jeanne Josephine Thève | *a* | *Norwich, Ct.* | 11 College St. |
| Lou Oakley Thompson | *s* | *Cornwall-on-Hudson, N. Y.* | 121 So. Main St. |
| Hazel Lillian Tomasi | *a* | *Barre* | 6 Battell Cottage |
| Ruth Miriam Tupper | *a* | *Worcester, Mass.* | 5 Shannon St. |
| Blanche Philips Walker | *a* | *E. Northfield, Mass.* | 13 Park Lodge |
| Helen Kathrine Whipple | *a* | *Lebanon, N. H.* | Maison Française |
| Beatrice Winch | *a* | *Concord, N. H.* | 3 Battell Cottage |
| Florence Goodrich Wyman | *s* | *Starksboro* | 25 Park Lodge |

## SUMMARY BY CLASSES

| | |
|---|---|
| Graduate Students | 4 |
| Seniors | 66 |
| Juniors | 58 |
| Sophomores | 63 |
| Freshmen | 67 |
| Total Women | 258 |
| Total Men | 280 |
| Summer Session | 499 |
| Grand Total | 1037 |
| Counted Twice | 29 |
| Net Total | 1008 |

## CLASSIFICATION BY COURSES

UNDERGRADUATES ONLY

| | *Candidates for A.B.* | *Candidates for B.S.* |
|---|---|---|
| Seniors | 43 | 23 |
| Juniors | 39 | 19 |
| Sophomores | 47 | 16 |
| Freshmen | 49 | 18 |
| | 178 | 76 |

# GEOGRAPHICAL DISTRIBUTION

UNDERGRADUATES ONLY

| | |
|---|---|
| Vermont | 105 |
| Massachusetts | 58 |
| New York | 33 |
| Connecticut | 24 |
| New Hampshire | 18 |
| New Jersey | 8 |
| Rhode Island | 3 |
| Florida | 2 |
| Illinois | 1 |
| Kentucky | 1 |
| Utah | 1 |
| | 254 |

# CALENDAR

## COLLEGE YEAR 1923-24

| | |
|---|---|
| September 17. | College Year begins. |
| November 29. | Thursday, Thanksgiving. |
| December 19. | Wednesday, 11 A.M. } Christmas |
| January 3. | Thursday } Recess. |
| January 4. | Friday, 8 A. M. College exercises begin. |
| February 2. | Saturday, First Semester ends. |
| February 4. | Monday, Second Semester begins. |
| February 22. | Friday, Washington's Birthday. |
| April 11. | Friday, 11 A. M. } Spring Recess. |
| April 21. | Monday } |
| April 22. | Tuesday, 8 A. M. College exercises begin. |
| May 8. | Thursday, 12:30 P.M. } Junior Week. |
| May 10. | Saturday } |
| May 30. | Friday, Memorial Day. |
| June 14. | Saturday, Class Day, Alumni Day, Meeting of Phi Beta Kappa Society. |
| June 15. | Baccalaureate Sunday. |
| June 16. | Monday, Commencement Day. |
| July 1. | Tuesday, English School opens at Bread Loaf. |
| July 4. | Friday, French and Spanish Schools open. |
| July 7. | Monday, Music School opens. |

| | |
|---|---|
| August 15. | Friday, English School closes. |
| August 15. | Friday, Music School closes. |
| August 21. | Thursday, French and Spanish Schools close. |

COLLEGE YEAR 1924-25

| | |
|---|---|
| September 15-17. | Monday to Wednesday, Examination and Registration Days. |
| September 18. | Thursday, President's Address, Mead Memorial Chapel 9:30 A. M. Recitations begin 11:30 A. M. |
| December 19 | Friday, 11 A. M. } Christmas |
| January 5 | Monday } Recess |
| January 6 | Tuesday, 8 A. M. College Exercises begin. |
| January 31 | Saturday, First Semester ends. |
| February 2 | Monday, Second Semester begins. |

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